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(See Story page 23)



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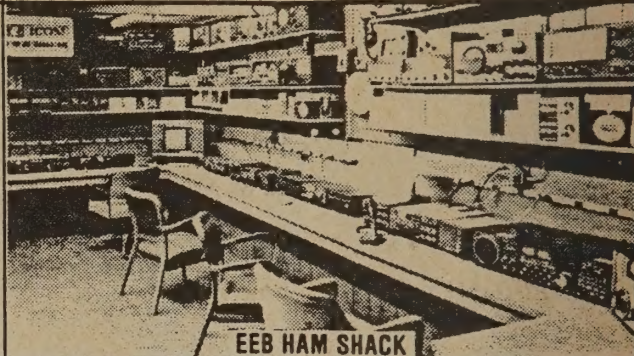


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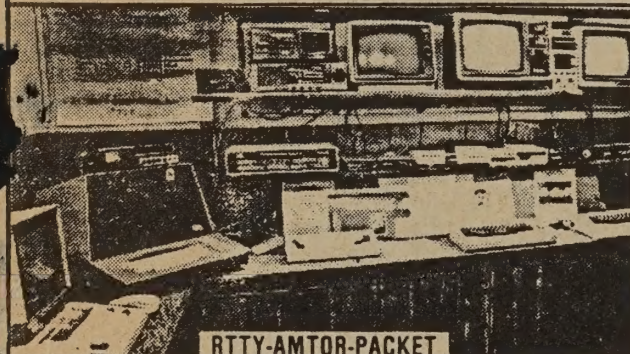
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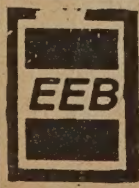
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FCC Highlights

Bill Grenfell, W4GF

The FCC has accepted the late comments filed by United Parcel Service in the Docket 87-14 proposed reallocation of the 220 - 222 MHz band to land mobile Services. While unsuccessful in getting the Commission to reject the UPS original comments, the ARRL did succeed in getting FCC to extend the reply comment period to March 31. (ARRL Letter, 03/29/88; Westlink Report, 03/18/88).

On March 24 FCC began a proceeding, PR 88-139 to modernize the US Amateur Radio Service rules. The Notice was not available as this was written but is said to be an 87 page document. Comments will be accepted until August 31. (ARRL Letter, 03/29/88).

The reply comment period on the RM6196 TV Answer, Inc. petition for creating a return push-button radio link via 216.25, 218.25 or 220.25 MHz between a consumer watching TV and a video programmer or TV Station, has been extended to May 2, 1988. (ARRL Letter 03/29/88; FCC Highlights, 03/07/88).

In a recent New Orleans court case a mobile telephone user sued a "ham radio operator" for taping a conversation the ham thought was about criminal activities, and giving the tape to the FBI. The court ruled it is not reasonable to expect privacy on a car phone conversation that can be picked up by anyone's radio receiver scanner.

"The Canadian Department of Communications (DOC) has officially announced that it is committed to entry level no-code Amateur Radio."..."We understand that ARRL Board Members are carefully following the progress...in Canada." (W5YI Report 03/15/88); Westlink Report 03/04/88).

Two petitions (RM-6274 and RM-6275) seeking expansion of the repeater segment of the 6 meter band to include

51-52 MHz have been filed with FCC. Commentary cutoff was 03/18/88. (ARRL Letter, 03/29/88; Westlink Report 03/04/88).

On 02/22/88, Amateur Extra Class licensee Jerry E. Gastil, K6DYD, who pleaded guilty to intentionally jamming the San Diego FBI radio network, was fined \$1,000 and placed on three years (FCC supervised) probation. The Court ordered him to perform five years of community service in the way of providing and maintaining a two-way radio system for the San Diego YMCA. He could have received 10 years in prison and been assessed a \$250,000 fine. Whether he will be permitted to retain any or all of his FCC issued licenses was to be determined later by the Commission. (Westlink Report, 03/04/88; W5YI Report, 03/15/88).

"The FCC will intrude into frequency coordination, despite earlier pronouncements to the contrary. "A Chicago area ham has been told by a local FCC official to put his repeater on the air because he (the official) feels that the local frequency coordinator was not responsive enough in processing a request for coordination." The ham asked "...pointedly what would happen if he did turn the system on and it resulted in formal complaints from other hams or the frequency coordinator. "They replied that they would then instruct all parties concerned to cooperate to find a solution, but did not elaborate any further." (Westlink Report, 03/04/88).

"The ARRL Board of Directors appears to be acting to defuse the potentially explosive situation created by the FCC's decision that multiple repeater frequency coordinators, to coordinate the same amateur relay operations and spectrum in the same geographic region, will be permitted." The decision is cited as leading to a lawsuit in California and

"...the threat of similar actions in several other parts of the country including the midwest and New England." A resolution directed to the FCC by the Board of Directors of the ARRL "...is making its displeasure with the current situation very plain to the FCC and possibly to those now in the process of challenging the established coordination process itself." (Westlink Report, 03/18/88)

"The dispute over who is the rightful repeater coordinator in the Kansas City area continues ...as it does in other areas as well."... "The controversy has now turned to who the ARRL will recognize as the coordinator in its annual Repeater Directory. "Although listing in the ARRL Repeater Directory does not constitute League endorsement of a coordinator - nor FCC recognition - many amateurs (including repeater councils and coordinators) perceive that the ARRL's directory is considered by the FCC to be the wishes of the amateur community since no other such listing authority exists." Several repeater groups are reported to be considering withdrawing their data from the ARRL's Directory. (W5YI Report, 03/15/88).

The delay in FCC's processing of new amateur license applications has slipped from 3 to 4 weeks to 4 to 6 weeks. (ARRL Letter, 03/29/88).

At their March 19 meeting, the ARRL Executive Committee authorized the withdrawal of a petition for amendment of Sections 97.31 and 97.515 of the Amateur Rules filed with FCC on 09/09/87. "It was agreed that inasmuch as there are alternative means of solving problems arising from discreditation of volunteer examiners accredited by more than one VEC, more flexibility in arriving at satisfactory solutions would be afforded without a formal petition on file." (ARRL Letter, 03/09/88).

"On March 7th, the FCC Commissioners approved the \$1,450 fine against David G. Ackley, W4UWH, of St. Thomas, U.S. Virgin Islands for intentionally jamming

another amateur station. " Ackley had previously appealed the judgement levied by the FCC's Field Operations Bureau to the full Commission. "Ackley (Technician Class) had been assessed the fine for transmitting on a frequency not authorized to holders of Technician Class operator licenses; failing to give his station call sign; and maliciously causing interference to another amateur station." (W5YI Report, 03/15/88).

A petition has been filed with FCC by an amateur proposing two possible methods to provide direct emergency radio communications between local and state police and amateur operators. One system would be cross band where police would listen to an amateur frequency designated for the purpose and amateurs would listen to an appropriate police frequency. The other would provide for simplex police operation on certain amateur frequencies. (W5YI Report, 03/15/88).

It appears the reason that West Germany will no longer reciprocally license FCC licensed Novice operators is because Germans who pass exams for U.S. Novice licenses may be trying to trade them in to their government agency for a full-privilege German amateur license! It appears that the lowest class German license exam is considerably more difficult than the U.S. Novice exam. Germany allows their citizens to go to any other country and obtain an amateur radio license which can be traded into the FTZ for a German ham ticket and a full privilege call sign. (W5YI, 03/15/88).

Buckmaster Publishing advises that according to a 1985 FCC database, 49.7% of all licensed U.S. amateurs are 50 years of age or older. The ham listing by age has not been run for some time since it is so time consuming. However, a ham/age run shortly is promised by the publisher. (W5YI, 03/15/88).

The recent report of a new version of the FCC Form 610 available 01/01/88 indicates the "expiration date" (upper right corner of page 1) as 12/31/89. However, FCC, Gettysburg, advises that

are still acceptable. The revised 12/31/89 form "...differs from the previous Form 610 in that it is now useful for both of the FCC's volunteer examination programs." (Worldradio, 04/88).

"The FCC has an acting Secretary since William Tricarico resigned. He is H. Walker Feaster. Tricarico is now Assistant to the Secretary of the Nuclear Regulatory Commission." (Roanoke Division Newsletter, February '88.

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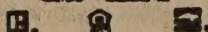
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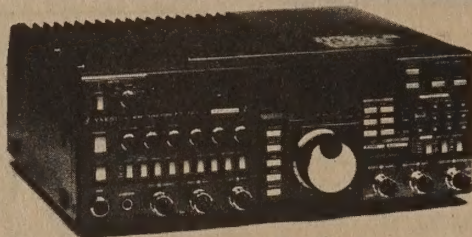


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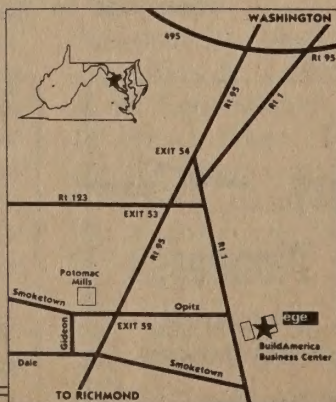
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American Radio Relay League Report

By John Swafford - W4HU

This ARRL Report provides a brief summary of information published in the ARRL LETTER and other reports. The LETTER provides timely news of interest to active radio amateurs. Any League member may subscribe to the ARRL LETTER.

ARRL EXECUTIVE COMMITTEE MEETS.

The ARRL Executive Committee met March 19, in Arlington, Virginia, just outside Washington, DC. The following is a brief overview of items discussed at the meeting:

* A review of the ARRL's efforts to oppose reallocation of 220-222 MHz, including a meeting with the Washington-based firm retained for Congressional relations. The Committee also unanimously voted to file Reply Comments vigorously opposing UPS comments and the TV Answer petition.

* Paul Rinaldo, W4RI, HQ Publications Group Manager, has been nominated as a participant in the US delegation to the Interim Meeting of the International Radio Consulting Committee (CCIR) April 20 in Geneva, Switzerland. The CCIR is one of four permanent arms of the International Telecommunication Union (ITU).

* ARRL Counsel Chris Imlay, N3AKD, reported that two petitions seeking expansion of the repeater segment of the 6 meter band to include 51-52 MHz have been filed. The FCC has designated them RM-6274 and RM-6275. Last December, the membership Services Committee was asked to study this issue in conjunction with the VHF-UHF and VHF Repeater Advisory Committee; no further action was taken at this time.

* The Committee also met with Evelyn Garrison of ICOM America, representing Amateur Radio industry. The Committee and Garrison discussed ways to encourage Amateur Radio growth beyond Novice Enhancement.

* The Committee authorized the withdrawal of a petition for amendment of Sections 97.31 and 97.515 of the Amateur Rules filed by the League of September 9, 1987. It was agreed that inasmuch as there are alternative means of solving problems arising from discreditation of volunteer examiners accredited by more than one VEC, more flexibility in arriving at satisfactory solutions would be afforded without a formal petition on file.

The minutes will be in "Moved and Seconded" in May QST.

WIAW RENOVATION FUND-RAISING UPDATE. How often have you listened to WIAW for bulletins or code practice? Now you can ensure that WIAW remains the flagship station of Amateur Radio.

The renovation project for WIAW is now underway (See page 25 of this issue of Auto-Call and April QST, page 48, for details). The fund raising has begun in earnest, with responses coming in from across the country. All donations will be acknowledged by a certificate, and donors of \$500 or more will have their name and call sign inscribed on a commemorative plaque in the station. Donors of \$1000 or more will receive individually inscribed personalized plaques.

ARRL/AMSAT SPACE STATION PROPOSAL. More hams in space? A joint proposal has been submitted by the ARRL and AMSAT to NASA for Amateur Radio participation in the Space Station to be built in the 1990s.

The proposal informs NASA about Amateur Radio interest in such a venture, and some of the contributions that could be made by radio amateurs in space. There are already several NASA astronauts who are hams.

ARRL REPORT - Continued

ARRL and AMSAT emphasized that a key element to the proposal's success will be the Phase 4 geostationary satellite now in the planning stages. The proposal also suggested that all users of the SSAR station would be required to be licensed radio amateurs.

SKITREK UPDATE. They're off--the Russian-Canadian Skitrek transpolar expedition began their three-month journey across the North Pole on March 3, at 0730 UTC.

The team, consisting of nine Russian and four Canadian skiers, struck out to the North from Severnaya Zemlya equipped only with skis, radios, and heavily loaded backpacks. The trip will take them to the tip of Ellesmere Island in the Canadian Arctic, via the North Pole.

The control center of the Russian search-and-rescue satellite, COSPAS, will determine the team's latitude and longitude and telex the information to the University of Surrey, where it will be programmed into the UoSAT OSCAR 11 satellite and transmitted to the skiers via the digitalker aboard the bird.

NEW HAM RECRUITMENT GROUP VISITS FLORIDA. ARRL HQ staffers involved with the pilot program aimed at recruitment of new hams in Hillsborough and Pinellas counties Florida recently visited the Orlando Hamcation and metropolitan Tampa/St Petersburg areas. This pilot program is directed toward non-amateurs aged 50 and over.

Along with gathering information from interested amateurs at the Hamcation, the group met with several representatives of senior-oriented organizations and several local governmental agencies in the target area asking their support of the program. The three-day fact finding trip was helpful and the pilot recruitment program will begin later this year.

WASHINGTON STATE HAMS GET A RENT BREAK. The Washington State Depart-

ment of Natural Resources (DNR) has reduced rent charged to Amateur Radio repeaters located on state land. For the first repeater placed at the site, the rental rate will be 50% of the DNR-established rate, and subsequent units will be at 25% of the established rate.

This legislative rent reduction was in recognition for the service provided by Amateur Radio operators in emergency and public service communications, while still providing the DNR with full market rental for state-owned property because of the supplemental funding appropriated by the legislature.

POSTAL INCREASE. The postal rate increase planned by the US Postal Service for April 3 will have an enormous effect on the League.

For delivering QST to members in the U.S., the increase will amount to an average of about 0.8 cents per copy. Even this small increase amounts to more than \$13,000 per year!

For delivering QST to members outside the U.S., however, the increase is much greater: 30 cents per copy. This forces raising the postage surcharge on foreign membership rates from \$8.00 to \$11.00 per year, bringing the cost of basic overseas membership to \$36.00.

AMSAT NEWS AND UPDATES. User Update on AMSAT-OSCAR 10--the spacecraft is once again having a problem generating power. There have been reports of the Beacon and transponder operating erratically, and as a result AO-10 is being removed from service and all user access stopped immediately.

There is a possibility that the satellite may be reactivated in a few months when the problem has been corrected.

In other news, AMSAT's Phase 3C spacecraft launch momentum is increasing. Despite the fact that the actual

ARRL REPORT - Continued

launch date has slipped a month into late May or early June, pre-launch preparations are progressing.

The launch vehicle is an Ariane 4 rocket, the largest ESA has flown. This will be the 22nd flight, and has been designated V-22.

The 300 pound AMSAT spacecraft, which is one of three satellite payloads on the Ariane, will be integrated into the support container atop the launch vehicle, and AMSAT teams will remain on site to monitor Phase 3C telemetry functions until the launch, thus assuring all systems are operating properly.

On-the-air coverage of the launch in June will originate with a network of stations around the world, including WIAW. Repeaters can link into the system via landline circuits.

Phase 3C will receive its OSCAR designator number after it is successfully operating in orbit, about 30 days after launch. Phase 3C is a joint project of AMSAT North America and AMSAT DL with contributions from other AMSAT affiliated organizations. The project cost over \$400,000.

KITTY HEVENER, WB8TDA, NOMINATED FOR AWARD. Katherine "Kitty" Hevener, WB8TDA, a former ARRL employee in the Regulatory Information Branch, and Editor of the ARRL Program for the Disabled booklet, has been selected as a candidate for "Handicapped Woman of the Year" in greater Cincinnati, Ohio.

Kitty will be competing with 22 handicapped professionals for the district award April 9-10, the winner of which will go on to a national competition. Good luck, Kitty.

AMATEUR INDUSTRY MEETING. There was an informal gathering of Amateur Radio Industry representatives February 5, 1988 at Miami, Florida just prior to the Miami Tropical Hamboree, ARRL Execut-

ive Vice President Dave Sumner, K1ZZ, presented a report on the following topics of interest:

* Archie Comic Books continue to do very well. All of the first printing (100,000) and about 40,000 of the second printing have been distributed.

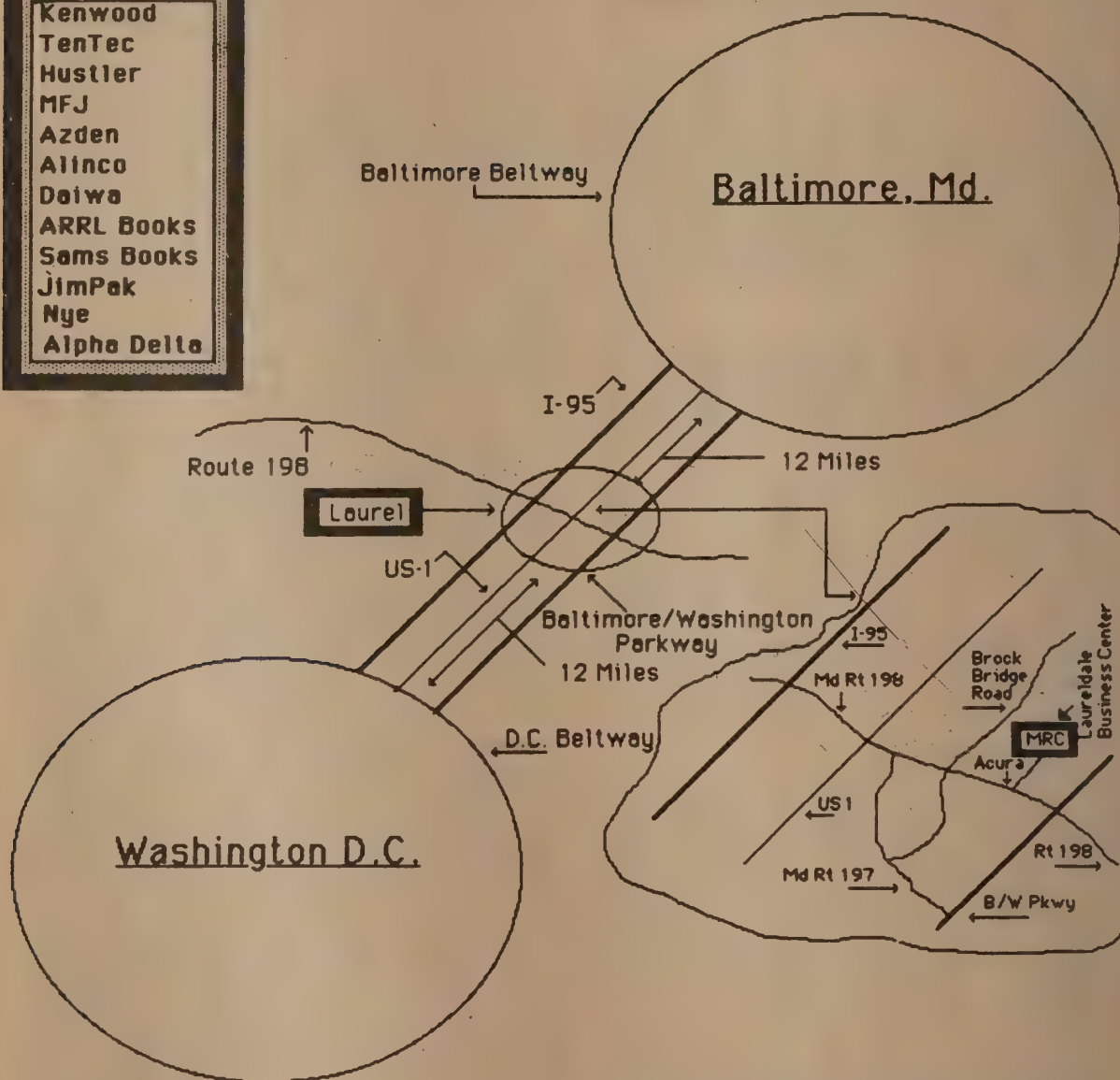
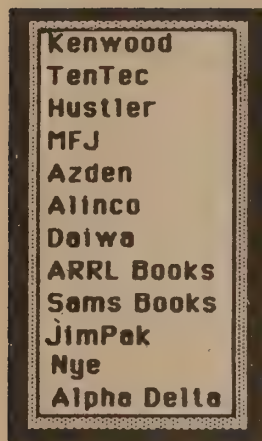
* Feedback on the video "New World of Amateur Radio" continues to be positive. Videotape circulation is very widespread, as duplication is actively encouraged, and many broadcast stations have aired it as well. New Novice licenses are up 40% compared with 2 years ago, and there is an increase in upgrades. League membership is now about 150,000, an increase of more than 6000 over the past year.

In summary, the general mood of the industry representatives was positive, and steps are being taken to promote growth in the Amateur Radio Service.

WESTERN SAHARA COUNTRY STATUS CLARIFIED. On February 12, the ARRL Awards Committee unanimously accepted the ARRL DX Advisory Committee's recommendation that Western Sahara, S0, be added to the ARRL DXCC Countries List. However, further consultation between the two committees was required to resolve whether S0 was to be a brand-new listing or a reactivation of Rio de Oro, EA9.

The ARRL DX Advisory Committee and the ARRL Awards Committee have jointly announced that Western Sahara will be a reactivation of the deleted Rio de Oro (Spanish Sahara) listing. Thus Rio de Oro is removed from the list of deleted countries and returns to the ARRL DXCC Countries List under the name Western Sahara. Recent and continuing S0RASD operations are creditable for DXCC, but cards will not be accepted before June 1, 1988. Please hold S0RASD cards for submission beginning June 1.

Maryland Radio Center - Location Strip Map
8576 Laureldale Drive Laurel, Md. 20707
(301)-725-1212



Yes.. we do have a service shop !

Our hours are : Monday - Friday : 10AM - 7PM
Saturday : 9AM - 5PM
Closed Sunday



PUBLIC SERVICE REPORT

FCC Regulations 97.1: "The rules and regulations in this part are designed to provide an amateur radio service having a **FUNDAMENTAL PURPOSE . . . SERVICE TO THE PUBLIC** as a voluntary noncommercial communications service, particularly with respect to **PROVIDING EMERGENCY COMMUNICATIONS.**"

Jeff Wilkes, W4NFA

--- HOSPITAL TELEPHONE EMERGENCY ---

On Wednesday, February 24th at 12:24 pm, Hank Black-N3ESR, EC and RACES Radio Officer for Montgomery Co., Md., received a telephone call from Emergency Management Planning requesting RACES communications at Washington Adventist Hospital in Takoma Park. The hospital had lost most telephone service due to a hardware failure in the in-house equipment. A few direct lines were operational.

N3ESR began mobilizing RACES members using the alert tone call-up procedure on 145.29, 145.45, and 146.64 repeaters. Bill Onuska-NI3E, Ross Merlin-WA2WDT, and Jack Geist-N3BEK were the first to respond. Others soon followed and reported in to N3BEK/NCS operating via the 147.18 repeater. A quick telephone call to Ken Williams-N3AQQ, EC for the District of Columbia, at his nearby office resulted in him being first on the scene at 12:45 pm in the hospital emergency room. Ken simply connected his 2 meter HT to the pre-installed antenna in the emergency room staff lounge.

Amateurs were stationed at the inoperative telephone switchboard and at a few key nursing stations as well as the emergency room. The hams made critical outside calls via autopatch using several local repeaters. WA2WDT acted as on-scene commander while N3ESR monitored the event from home and arranged for additional resources as needed.

Most hospital internal communications were handled by runners, resulting in the nurses joking about needing track shoes. Interestingly, the elevators couldn't handle the extra traffic and bogged down hopelessly--most people used the stairs. While hospital and telephone company personnel felt that the telephone service would be restored quickly, RACES began planning for a longer term operation. The nursing supervisors were indicating that some telephone calls could be put off for an hour or two, but not indefinitely. The longer the system was out, the greater the volume of calls were backlogged. At N3ESR's request, Al Taylor-KN3U, SEC for Md-DC, brought the MARC-RACES communications van to the hospital to make its equipment and facilities available. Howard Hays-WB3KHQ and Bill Feidt-NG3K were called at work and asked to begin relieving radio operators at the hospital. Charles Hynson-WB3GYE, who was on his way home from work, was found on the air and asked to go to the hospital with additional needed equipment.

By about 4 pm, HTs had been replaced by 25 watt mobile rigs and AC power supplies at all operating positions. As minutes turned into several hours, Nate Green-N3ARO, Ernest Wilcomb-W3MS, and Bill Grover - N3EYF were put on standby.

Finally, at 5:26 pm, RACES was advised that the telephone system was up and after a few minutes' safety margin, the operation was secured.

(Continued)

PUBLIC SERVICE REPORT - Continued

The operation went very well and response to the alert was good. A couple of minor problems did occur: two meter coverage in the building was spotty on simplex, but later on in the day a pair of 440 HTs were obtained and they performed much better; a connector on one of the pre-installed antennas came off in an operator's hand at one point, and two hams stayed behind after the operations was secured to make the necessary repairs. We again learn the lesson that equipment must be periodically test to insure it is ready in an emergency.

-reported by Hank N3ESR

--- ARES VS RACES: WHAT'S THE DIFFERENCE? ---

Amateur radio always has had a responsibility to give communications services back to the public which permits use of parts of the spectrum. Many amateurs take this seriously and work hard to provide such communications--finding it to be fun, when lives and property are not at stake. An operator alone may stop to assist a stranded motorist, but providing service often requires more than one ham. Years ago, to prepare for best performance during public service events, we formed groups to provide the resources required. The two best-known organizations today are the Amateur Radio Emergency Service (ARES) and the Radio Amateur Civil Emergency Service (RACES).

ARES is a public service branch in the field organization of the American Radio Relay League (ARRL). All of North America is divided into sections on the ARRL map. Each section has a Section Emergency Coordinator (SEC) appointed to organize the section and recruit Emergency Coordinators (EC) throughout the section. Each EC is typically assigned responsibility for ARES activities in a County and will appoint Assistant Emergency Coordinators (AEC) to help him. ARES members enjoy many aspects of amateur radio, but want to devote some time to planning and helping the public.

RACES was formed by the government when hams returned to the air after World War II. For many years it included non-hams in its ranks but today is purely an amateur radio service. Shepherded for forty years by the federal government, today it is administered by the Federal Emergency Management Agency (FEMA). RACES provides communications only within very narrowly-defined areas. It is assumed that in the event of a declaration of war, the federal government will order amateur radio stations off the air. Under extremely controlled conditions, RACES stations will be allowed to function on the air.

RACES is not limited to wartime. It can function in major natural disasters such as earthquakes, floods, or large-scale fires. Under FCC rules, RACES is limited to providing government-to-government communications for local or state civil defense or government emergency preparedness agencies. RACES operations do not come into play until authorized by a local, state, or federal official empowered to activate RACES.

The pool of operators willing to do public service work is only a small percentage of all 400,000 US amateurs. It would be foolish for ARES and RACES to compete for this tiny pool of interested hams. In many sections (including Va. and Md-DC) government emergency management leaders and the ARES SEC have agreed that the same operators should be recruited for both RACES and ARES. Each operator will wear two hats and can be assigned to either ARES or RACES operations at will.

(Continued)

PUBLIC SERVICE REPORT - Continued

To determine which hat is being worn, look at the range of possible public service activities. Here are a few examples: Amateurs assist motorists in minor personal emergencies such as breakdowns and wrecks. Amateurs assist local fire, police, and rescue squads in non-emergencies such as parades and in real emergencies such as power outages, storms, and flooding. Car wrecks or parades are not of sufficient scale to come to the attention of civil defense. Creek flooding can be larger scale for folks in part of a county but of no interest to an official emergency management team. A power outage could put police or fire radios off the air, but RACES might not be activated. In these cases, if more than one operator is needed, the ARES organization should handle it. In fact, nine out of ten emergencies in which amateur radio is involved are ARES operations. RACES only turns on when a problem is sufficiently major that a county or higher emergency management director activates his emergency plan, including RACES.

The key is timing. ARES is active before, during and after an emergency. RACES almost never starts operation before an emergency. RACES is active during the immediate aftermath if county governments temporarily need backup while telephones or emergency management radios are restored. RACES usually is shut down a few hours after the emergency is cleared. But public communications needs related to the emergency can go on for days after the fact.

ARES, then, handles the bulk of the radio work. RACES activates briefly when government wants it and then leaves the air. ARES can test and drill as frequently and as long as the EC desires. RACES activities are strictly limited. ARES serves the broad general needs of the public from non-emergencies through minor emergencies to the largest of major disasters, short of declared war. Without a war threat on the immediate horizon and with emergencies always cropping up, it seems in our best interest to build the biggest and strongest ARES organization we can. At same time we should telescope any remaining separate RACES organizations into our ranks so that the limited duty performed by RACES can be handled with personnel shared with ARES. Remember, while RACES is functioning, there will be plenty of other radio work for ARES in the same emergency so we should include simultaneous dual operations in our plans.

-from article written by Tony K3RXK

What Is Amateur Radio?

Amateur Radio, also known as "ham radio," is communicating. Hams, who must be licensed by their governments, operate two-way equipment from their homes and cars. They communicate with other hams across town or across the world on special sets of radio frequencies, or bands, that are set aside for Amateur Radio use.

Who are hams?

Just about anyone can be a ham—there are no age limits. Many people with disabilities find a door to the world in Amateur Radio. Some famous people are hams, but most are just people from all walks of life who like making new friends around the world.

How can I become a ham?

Getting a ham radio license is easier than you may think. In the US, the Novice (beginner's) license requires only passing a 30-question written exam on basic electronic theory and FCC rules and regulations, along with copying and sending Morse code at five words per minute.

The American Radio Relay League (ARRL) offers a wide variety of information for persons interested in radio communication. We can also provide you with a list of clubs and instructors in your area. Many local Amateur Radio clubs offer licensing courses several times a year.



For a prospective ham packet, contact the
ARRL, Dept Q, 225 Main St, Newington, CT 06111, tel 203-666-1541.

THE MARYLAND FM ASSOCIATION, INC.
PROUDLY PRESENTS ITS ANNUAL

MEMORIAL DAY HAMFEST ON SUNDAY MAY 29, 1988

AT THE HOWARD COUNTY FAIRGROUNDS
RT. #144, WEST FRIENDSHIP, MARYLAND

TIME: 8 a.m. until 3 p.m. -- premises **MUST** be cleared by 5 p.m.

TALK-IN on WA3DZD/Repeater (146.16/146.76, 222.16/223.76, and 449.1/444.1)

Plenty of good food and drink will be available.

COMMERCIAL DISPLAYS

AMPLE PARKING

DONATION: \$3

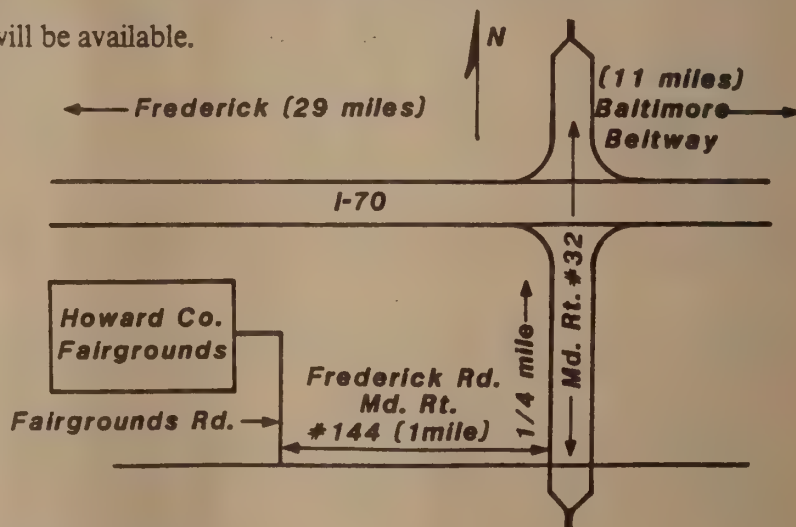
Tailgating: \$3

Table rentals (inside):

Paid in advance -- \$7

At the Hamfest -- \$10
(if available)

Only **PAID** table reservations
accepted. If you haven't paid,
you don't have reservations.



For reservations and information, write to:

Craig Rockenbauch
429 Severnside Drive
Severna Park, MD 21146
301-987-6042

Amateur License Exam
Reservations
Steve Silberman (K3RMX)
301-578-8527

All proceeds will be used for improvements to the Club's WA3DZD repeater system.

Commercial vendors must have proper tax/license certificates available.
All items offered for sale must be Amateur Radio related.

Training Classes

Robert Milligan - KI4MB
6608 N. 18th Street Arlington, VA 22205
Phone (703) 533-0650 (Home), (703) 534-1319 (Recorder)

This column lists all known Amateur Radio license courses in the greater Washington/Baltimore area and the name and phone number of contact persons at participating clubs. Please keep KI4MB advised of any changes so we can keep this list up-to-date

General/Advanced Classes, Woodbridge, Virginia. Sponsored by Woodbridge Wireless, Inc. Starting Thursday, May 12. For information contact Tim Ferrell - AF2T (703) 590-5226.

Novice Classes, Winchester, Virginia. Sponsored by Shenandoah Valley ARC. Starting August 29 and meeting every Monday from 7:00 p.m. to 9:00 p.m. through November 14 at SVARC Clubhouse, 2921 Grace Street, Winchester, VA 22601. For information contact Walt Quitter - NC4B at 367 Buckingham Drive, Stephens City, VA 22655. Phone (703) 869-5241 days.

Novice Classes, Sterling Park, Virginia. Sponsored by Sterling Park Amateur Radio Club and Loudoun County Department of Parks and Recreation. Starting Thursday, March 10 and meeting every Thursday at 7:30 - 9:30 p.m. for 12 weeks. No charge, but course materials will cost about \$20. Registration mandatory, classes limited to twenty. For additional information and registration call Art Nevins at (703) 437-9382.

Novice Classes, Montgomery County Department of Recreation, sponsored by Rock Creek Amateur Radio Assn. Starting the week of 22 March. For further information and registration call 468-4050.

GENERAL INFORMATION

Alexandria Radio Club - contact Harry Jones - N4CWP (703) 521-4624
Anne Arundel - contact Tony Young - WA3YLO (301) 262-1917
Baltimore ARC - contact Ralph Huber - KA3HAM (301) 321-5748
Baltimore Radio Amateurs TV Society (BRATS) - Contact Bill Self (301) 669-0149
Chaverim, Inc. - Contact Bob Teitel - W3IDT - (301) 654-3484
Frederick ARC - contact Steve Bauman - W3FOA - (301) 662-4552
Goddard ARC- contact Chris Spinolo - KA3RTC - (301) 776-5710
Laurel ARC - contact Frank Treadwell - K3LDE (301) 498-2213
MADRAS - contact Renee Culver - KC3NG (301) 949-9220
Montgomery County Department of Recreation - (301) 468-4050
Mount Vernon ARC - Contact John Forrest - WZ4A (703) 820-3044
Rock Creek ARA - contact Walt Ramsey - AK3B (301) 949-3954
Shenandoah Valley ARC - contact Walt Quitter - NC4B (703) 869-5241
Southern Maryland ARC - Contact Bob Curran - KA3GCC (301) 627-3040
Sterling Park - contact Art Nevins - WA4NTP (703) 437-9382
Tri-County ARC - contact Al Sines - WA3QGA, P.O. Box 710, College Park 20740
Vienna Wireless - contact Dave Guffy - NY4V (703) 385-6608
Washington Adventists - contact Henry Miller - W3BWN (301) 474-7376
Woodbridge Wireless -contact Tim Farrell - AF2T (703) 590-5226

This column is published in each issue of the Auto-Call magazine.

Local clubs are urged to list their training programs
far enough in advance for effective publicity.

Volunteer Examiner Cooperative

Nancy Draheim - NK4U
3513 Old Post Road, Fairfax, VA 22030
(703) 691-0078

SCHEDULE OF EXAMINATIONS 1988

- May 7 Shenandoah Valley ARC (Middletown, VA) (ARRL VEC) Limited Walk-in
Contact: Walt Quitter - NC4B (703) 869-5241
- University of Maryland ARC (College Park, MD) (W5YI VEC) Walk-in
Contact: Scott Rosenfeld - NF3I (301) 963-4008
- Rappahannock ARC (Warsaw, VA) (ARRL VEC) Walk-in
Contact: Jack Beaulieu, P.O. Box 349, Callao, VA 22435
- May 11 Scranton/Pocono ARC (Scranton, PA) (Laurel VEC) Walk-in
Contact: Al Sines, WA3QGA (301) 776-3046
- May 14 Woodbridge Wireless Society (Woodbridge, VA) (ARRL VEC)
Contact: Don Ross (703) 670-3414 or Tim Ferrell (703) 590-5226
- Portsmouth Amateur Radio Club (ARRL exam)
Contact: Art Thiemens - AA4AT (804) 484-2857
- Frederick ARC (Frederick, MD) (ARRL VEC) Limited Walk-in
Contact: Rick Ogden, N3RO (301) 845-2670
- May 21 Richmond ARC (Richmond, VA) (ARRL VEC) Walk-in
Contact: Ron Bolton (804) 798-5191
- May 24 Summit ARC (Catonsville, MD) (Laurel VEC) Walk-in
Contact: Tony Chancey, N3ECR (301) 922-4747
- May 29 Maryland FM Assn Hamfest (Howard County Fairgrounds) (Laurel VEC)
Contact: Steve Silberman, K3RMX (301) 578-8527
- June 4 University of Maryland ARC (College Park, MD) (W5YI VEC) Walk-in
Contact: Scott Rosenfeld - NF3I (301) 963-4008
- Virginia Beach Amateur Radio Club (ARRL exam)
Contact: Tom Weikel - KA4UNC (804) 340-7697

Continued on page xxx)

IMPORTANT NOTES: Certificates of successful completion for theory tests are not always accepted. Check with the contact person for the exam you wish to take. While most examinations are offered on a walk-in basis, preregistration is desirable in all cases.

This schedule of Examinations can be found each month in Auto-Call Magazine
Please advise NK4U of your examination schedules.

VOLUNTEER EXAMINER COOPERATIVE - Continued

- June 11 Peninsula Radio Operations Society (Salisbury, MD) (Laurel VEC)
Pre-registration preferred
Contact: John Luppert, K3NOQ (301) 749-7444
- June 16 Baltimore ARC (Towsen, MD) (Laurel VEC) Walk-in
Contact: Ron Derencz (301) 765-2843
- Chesapeake DX Association (W5YI VEC) Walk-in
Contact: Ron Verebely, KC4YX (804) 424-4764
- June 18 Ole Virginia Hams ARC (Manassas, VA) (ARRL VEC) Walk-in
Contact: Harry Vorhour - W4PVA (703) 368-6050
- July 9 University of Maryland ARC (College Park, MD) (W5YI VEC) Walk-in
Contact: Scott Rosenfeld - NF3I (301) 963-4008
- Geo Wash U & Dept of State ARCs (Washington DC) (ARRL VEC) Walk-in
Contact: Derrill Rohlfis - W3WOX (301) 423-0179
- July 16 Chesapeake DX Association (W5YI exam)
Contact: Bill Verebely - KC4YX (804) 424-4764
- July 23 Richmond ARC (Richmond, VA) (ARRL VEC) Walk-in
Contact: Ron Bolton (804) 798-5191
- July 31 BRATS HAMFEST (Howard County Fair Grounds) (Laurel VEC)
Contact: Jim Kessler, KQ3S (301) 953-1065
- Aug. 6 University of Maryland ARC (College Park, MD) (W5YI VEC) Walk-in
Contact: Scott Rosenfeld - NF3I (301) 963-4008
- Hampton Roads Radio Association (W5YI exam)
Contact: Bill Runyon - N4BDH (804) 587-8611

IMPORTANT NOTES: Certificates of successful completion for theory tests are not always accepted. Check with the contact person for the exam you wish to take. While most examinations are offered on a walk-in basis, preregistration is desirable in all cases.

All examinations require that you submit:
Completed FCC Form 610, Copy of your current Amateur Radio license
(bring original license).

For ARRL VEC exams, you must also submit a \$4.55 check made out to ARRL/VEC
For Mountain VEC Exams, Novice tests are free. All others are \$2.00
For W5YI VEC Exams, the cost is \$4.35.
For Laurel VEC exams, no charge.

This schedule of Examinations can be found each month in Auto-Call Magazine which is sponsored by the Foundation for Amateur Radio
Please advise NK4U of your examination schedules.

Silent Keys

SAM NEWMAN - W3HN

Sam Newman - W3HN became a Silent Key April 8, just a month after his 80th birthday. He was a licensed Amateur Radio operator for over 60 years and was well known throughout the Amateur community and the Broadcast industry. Fresh out of school, he went to work for NBC in Washington in 1930 and retired, as chief engineer at station WRC, after 43 years of service. He was very active with a number of Amateur Radio organizations and was also a member of the Washington Executive Broadcast Engineers.

There were many important highlights during Sam's career. When he was about 19 years old, he spent a brief time with the Merchant Marine as "sparks" on an oil tanker. Then, with the outbreak of WW-II, he attended OCS school at Fort Monmouth and became an officer in the Signal Corps. During Harry Truman's "whistle stop" campaign in 1948, he improvised a transmitting facility on board the train to provide instant communications between the moving train and NBC -- a real feat at that time. In 1957 he provided considerable Amateur Radio communications with the Antarctica expeditions and handled some very important and urgent messages.

He was a charter member and a president of the Washington Chapter of the Quarter Century Wireless Association and was always one of the organizers and most active participants in the annual QCWA Old Timers' Dinners. He was a charter member and director of the Society of Wireless Pioneers and a member and president of the Washington Chapter of the Veteran Wireless Operators Association. Until the day he went into the hospital, he was on the air daily talking to groups of his old-time friends and business associates around the world.

He is survived by his wife Gladys and son Bruce. He will be sorely missed by his family and his many friends.

(Information provided by John Platt - W4QX)

WILLIAM J. PORTER

Retired Ambassador William J. Porter Sr., KIYPE (W3ACC) died of cancer March 15, 1988 in Fall River, Mass. A career foreign service officer for over 40 years and a licensed Amateur for over 30 years, he served in several countries at times when relations with the U.S. were most sensitive.

His long and colorful career included assignments as a Political Officer in Jerusalem, Political adviser to the Chief of the VOA, Deputy Chief of Mission in Rabat, Morocco, Director of the Office of North African Affairs, First U.S. Ambassador to Algeria and Deputy Ambassador to Vietnam. He then served as Ambassador to South Korea, Under Secretary of State for Political Affairs, Ambassador to Canada and Ambassador to Saudi Arabia. During these assignments he operated under an impressive number of DX call signs - including AL2VX, CN8EP, FA2VX, F0ADL, HL9AA, VX5AA, 7X2VX, 7Z1AB. See details in Department of State column on page 31.

He is survived by his Wife, Elinor Porter of West Port, a son, William J. Porter Jr., KA4NAU of Fairfax, Virginia; and a daughter, Elinor Clark of East Bridgewater, Mass.

(Submitted by Bryan Cordray, WA5SPI and Armin Meyer - W3ACE)

Recognitions

Congratulations to FAR Hams of the Year

Hugh Turnbull - W3ABC, Jim Kessler - KQ3S, Joe Hermann - W4LBL and Joe Peters-WB4WZZ. Also to Nancy Draheim - NK4U on President's Plaque. (See stories page 24.)

Congratulations to former FAR Scholarship winners:

Kitty Hevener - WB8TDA upon being nominated for the Cincinnati, Ohio "Handicapped Woman of the Year." She will be competing for a chance in the national competition. Kitty was a recipient of FAR scholarships in 1978, 1979 and 1980 and the Foundation is delighted to hear of her accomplishments.

A cum laude graduate from Vanderbilt University's Peabody College for Teachers, she holds a BS in elementary education and special education for the visually impaired. She teaches students adaptive techniques for doing everyday tasks, as well as the use of specialized equipment that converts print into synthesized speech and Braille. She also teaches Amateur Radio classes in the Cincinnati area and is active in emergency communications and public service. She was formerly employed at the ARRL in the Regulatory Information Branch, and was Editor of the ARRL Program for the Disabled booklet.

Ted Rappaport - N9NB of West Lafayette, Indiana on receiving a PhD in Electrical Engineering from Purdue University and joining the EE faculty at Virginia Tech. Ted was recipient of FAR scholarships in 1981, 1982 and 1983.

Congratulations to Paul Rinaldo - W4RI on being elected as a Senior Member of the IEEE. According to the Institute, only about 10% of its 280,000 members have attained this grade. Paul was very active in the Washington area before going to ARRL to become Publications Manager and editor of QEX.

Congratulations to Larry Frazier - W3LMC on receiving a 65 year certificate and to Carl Gray - W4ACM on receiving a 60 year certificate for their long Amateur Radio service. (See story on page 26).

Congratulations to Vienna Wireless Society on receiving a proclamation from the City of Vienna expressing appreciation for 25 years of public service to the community. The Town Council declared the week of March 25 as "Amateur Radio Week" in Vienna.

Congratulations to Auto-Call on receiving a rating of Excellent in Category A in the recent Amateur Radio News Service (ARNS) Newsletter contest.

Congratulations to the Laurel Amateur Radio Club on receiving a rating of Excellent in Category D in the ARNS Newsletter contest. Al Sines, WA3QGA is editor of their magazine, the Feedback.

MANASSAS HAMFEST AND COMPUTER SHOW

AN ARRL APPROVED HAMFEST

Sunday, June 5, 1988

PRESENTED BY THE OLE VIRGINIA HAMS A.R.C., INC.

SPONSORS:

EGE, Inc.

Yaesu

F.D. Microsystems Inc.

SPECIAL ACTIVITIES

INDOOR EXHIBIT SPACES AVAILABLE FOR DEALERS AND MANUFACTURERS

GENERAL ADMISSION:

\$5.00 Per-person at gate

No advanced sales

Children under age 12 free

Gates open at 8:00 A.M.

TAILGATING:

\$5:00 Per-space in addition
to general admission

Ample room - 25 acres

Gates open at 7:00 A.M.

PRINCE WILLIAM COUNTY FAIRGROUNDS 1/2 MILE SOUTH OF MANASSAS
ON ROUTE 234, TALK IN ON 146.37/97 REPEATER AND 146.52 SIMPLEX



Mail request for information to:

Ole Virginia Hams A.R.C. Inc.

P.O. box 1255, Manassas, VA 22110

Dealers Information call:
Joe (K4FPT) 703-368-8599

Computer BBS Call:
703-791-6198

General Information call:
Randy (KA4UFF) 703-791-3061

Annual Spring Banquet

By Tony Young - WA3YLO

The Annual Spring Banquet (formerly known as the QCWA Old Timers' Dinner) has been a tradition in the Washington area for the past 32 years. This year it was co-sponsored by the Foundation For Amateur Radio and the Washington, D.C. Chapter of the Quarter Century Wireless Association.

Master of Ceremonies duties were shared by QCWA Chapter President Granville Klink - W3AFV and FAR President Robert Moore - N3CKD and FAR Executive V.P. Nancy Draheim - NK4U. See photo below.



Other hard working members who put together the affair were FAR past-president Phil Russo - W3ELS, FAR Secretary Mary Morris - KB4JKM, and Wade Laird, neighbor and helper of Bob Moore. The photo below shows the crew: Front row: NK4U, KB4JKM Back row: Wade, W3ELS, N3CKD, W3AFV.



THE SPEAKER OF THE EVENING WAS ASTRONAUT
JOHN DAVID BARTOE - W4NYZ



Dr. Bartoe gave one of the finest programs we have ever had. He made a most interesting presentation of slides and films taken while he was on board a space shuttle 170 miles above the earth. There were spectacular views of the space craft cabin and cargo bay and the unique experiences of working in zero gravity. He showed that astronauts really can put their pants on both legs at a time! And when a ball of coca cola fluid floated by in the cabin, he simply opened his mouth and swallowed it. There were spectacular views of the world taken from 170 above the earth and he pointed out the well known landmarks. It was most enjoyable.

ANNUAL SPRING BANQUET Continued

Another highlight of the Banquet was the inauguration of the Foundation's "Ham of the Year" program. Awards were made to four outstanding local Amateurs:



Hugh Turnbull - W3ABC has been active in the Foundation for many years. He has served on the Foundation's Scholarship Committee for the past 15 years and has been Chairman since 1981. His activities have not been limited to the scholarship program, however. He has been very active in the Hamfests and all aspects of the Foundation's activities. His guidance and counsel has been sought by all Foundation officers throughout the years.

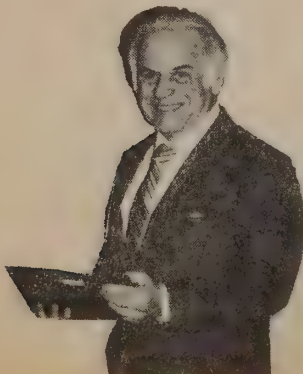
He has been Atlantic Division Director of the ARRL since 1982 and Vice Director two years before that. He has been chairman of the RFI Task Group since 1980, served three terms on the Executive Committee of the ARRL Board of Directors and is currently serving a second term on the Administration and Finance Committee.

First licensed in 1932, he served with the Navy in WW-II, retiring as a LCDR, and then had a 37 year career in engineering and management with the FCC, VOA and NASA. He is a Registered Professional Engineer.

Joe Peters - WB4WZZ was honored for his many hours of volunteer public service. Licensed in 1975, this Amateur has spent countless, and often unrecognized, hours promoting Amateur Radio as a community resource for disaster occurrences and utilizing public service events as a training ground. In the past year alone, he has spent over 450 hours participating in and organizing others for public events throughout the area. He is presently Emergency Coordinator for Fairfax County, Communications Director for the Fairfax Chapter of the American Red Cross, and Communications Chairman for the International Children's Festival Committee.



Among his many accomplishments is the installation of Amateur Radio communications at Fairfax Hospital, coordinating the use of Amateur Radio facilities with the Fairfax County Office of Emergency Preparedness, and coordination of Amateur Radio participation in a regional disaster drill involving the various Fairfax County government agencies and the Northern Virginia EMS Council.



Joe Herrmann - W4LBL is affectionately known as the "repeater meister." First licensed in 1938, he has been continually active, serving as an official observer and member of MARS and the Metrovision ATV club and technical advisor and site manager for the 19/79 repeater. This repeater was always, until recently, the "ugly sister" to the more powerful and popular 31/91 repeater. The "Ham of the Year" award is bestowed on Joe for his countless hours, almost single-handedly, keeping this repeater up and running. His expertise as an electronic engineer and his ingenuity aided him in developing modifications and enhancements to this repeater which

W1AW Renovation Fund Drive

Fifty years ago, the Hiram Percy Maxim Memorial Station, W1AW, sent its first code practice and bulletins. Since then thousands of hams have come to rely on its unparalleled code practice and news bulletins and its many vital services to the Amateur Radio community.

Time and 50 New England winters have taken their toll on this proud station, however, and as ARRL developed plans to update it, they discovered a host of structural and equipment deficiencies that only a major renovation could address. The equipment is still basically in the vacuum-tube era, as the last major renovation was in 1964. The outdated electrical system is operating near maximum capacity. Exterior walls need repair to preclude costly structural damage.

The Board identified a goal of \$450,000 to accomplish the renovation. That kind of money is not in the budget, so the only way the project is going to be accomplished is through our contributions to a fund drive.

Certainly W1AW should be Amateur Radio's flagship station, a showcase of exceptional signal quality and a model of station design and construction. With your help the project can succeed. Become a part of Amateur Radio's future by using the form below to make a generous contribution to the W1AW Renovation Fund Drive. Please do it today.

Every dollar will help and every gift will be acknowledged with gratitude. If you are in a position to make a large contribution, special recognitions will be made. See the April issue of QST - page 49. All contributions are tax deductible to the extend allowable by law as ARRL is a 501(c)(3) organization.

Make check or money order payable to W1AW Renovation Fund and mail it to:
225 Main Street
Newington, CT 06111

Credit card contributions can be made by calling Jennifer at ARRL Headquarters between 8:00 a.m. and 4:00 p.m. Eastern time, weekdays. Phone (203) 666-1541.

**Yes! I Want to Support the
W1AW Renovation**

☐ Check enclosed for \$ _____



☐ Please charge my gift of \$ _____
to my _____ MC _____ VISA _____ AmEx

Card no. _____

Exp. date _____

Signature (required for charges) _____

All gifts will be acknowledged, and all who donate will receive a handsome certificate.

Name _____ Call _____
print exactly as you want it to appear on certificate

Street Address _____

City _____ State _____ ZIP _____

☐ I prefer to remain anonymous

Please make your check payable to **W1AW Renovation Fund**

All contributions are tax deductible
to the extent allowable by law,
as ARRL is a 501(c)(3) organization.

ANNUAL SPRING BANQUET - Continued

allowed it to remain on the air when more sophisticated machines were plagued by electrical problems.

He established and ran, for many years, a weekly on-the-air clinic giving Amateurs an opportunity to check their frequency, modulation, and auto-patch pad operations. When satellite receivers were added to this repeater, he developed a voting system to operate over UHF links rather than telephone lines, giving Amateurs with handheld transmitters better accessibility to the repeater and its autopatch capabilities.

Jim Kessler - KQ3S is a "plank owner" with the Laurel ARC and the Free State ARC. He was first licensed in 1950 and has been active in ham radio ever since. Among his former calls are DL5JU, G5GBS, 5VO/W3QQR, V3KQ3S, KL7-, KH6-, and KH2-.

Jim (affectionately known as "QRR") has been very active in the volunteer exam program and was directly responsible for establishing the LARC 3 VEC..."So we could help our fellow hams take advantage of the program." Until recently he served as LARC 3 Volunteer Examination Coordinator (VEC).



Nancy Draheim - NK4U was presented with a President's Plaque recognizing her many contributions to the Foundation. She is Executive Vice President of FAR and has been of invaluable help to the Board in all phases of its activities. She has been particularly helpful on the annual Gaithersburg Hamfests. She coordinates the dates of VE exams in the Metro area and is an enthusiastic examiner. She also manages the two-letter-prefix QSL Bureau for the 4th call area and spreads her good PR at every hamfest and convention in the area. In her spare time she is active in VWS, SPARC, OVH and NCDXA.

We were also honored with the presence of QCWA National President Leland Smith-W5KL. He made a re-presentation of a plaque to Hester Clark, posthumously honoring Vic Clark - W4KFC in the QCWA Hall of Fame. Hester is WA4PAE. Leland also presented a 65 year certificate to W3LMZ and a 60 year certificate to W4ACM.



Larry Frazier - W3LMZ



Carl Gray - W4ACM

ANNUAL SPRING BANQUET - Continued

We were particularly honored to have the ARRL Executive Committee in attendance at the Banquet. The Committee was meeting in the Washington area the week of the banquet and worked the dinner into their busy schedule.



Left to Right, Front Row: Rod Stafford - KB6ZV, Pacific Division Director; ARRL President Larry Price - W4RA, Paul Grauer - W0FIR, Midwest Division Director; Tom Frenaye - K1KI, New England Division Director; Betty Turnbull - YF of W3ABC. Back Row: Rita Imlay - YF of N3AKD, Washington Area Coordinator Perry Williams-WIUED, Jay Holladay - W6EJJ, First Vice President; Chris Imlay - N3AKD, Legal Counsel; and Hugh Turnbull - W3ABC, Atlantic Division Director.

Over 100 area Amateurs and their wives and guests enjoyed the program, a fine meal and great fellowship. The time provided for renewal of old friendships and some new faces were attached to the calls of those who had only met on the air before.



This banquet initiated the Foundation's new program that will honor an outstanding local Amateur each month. Foundation clubs are invited to submit nominations. A Foundation committee will select the one candidate to be honored each month. Here is a wonderful opportunity for the clubs to give recognition to their outstanding member(s), and a chance for the rest of the community to find out more about the people who are contributing so much to our service. Send nominations to

Foundation President Robert Moore - N3CKD

All photos were taken by Alan Juers -N3DUE
Personal copies may be obtained by contacting Bob Moore - N3CKD



NEWS RELEASE

1988 Scholarships Offered

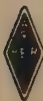
THE FOUNDATION FOR AMATEUR RADIO, INC., a non-profit organization with headquarters in Washington, D.C., plans to award thirty-one (31) scholarships for the academic year 1988-89 to assist licensed Radio Amateurs. The Foundation, composed of fifty local area Amateur Radio Clubs, fully funds four of these scholarships with the income from grants and its annual Hamfest. It administers without cost to the donors, seven (7) scholarships for the Quarter Century Wireless Association, three (3) for the Baltimore (MD) Amateur Radio Club, two (2) each for the Dade (FL) Radio Club, the Department of State Amateur Radio Club, the Amateur Radio News Service, the 10-10 International Net, the Radio Club of America and the West Allis Radio Amateur Club of Milwaukee and one (1) each for the Richard G. Chichester Memorial, the Young Ladies' Radio League, the Columbia (MD) Amateur Radio Association, the Frederick (MD) Amateur Radio Club and the Vienna (VA) Wireless Society.

Licensed Radio Amateurs may compete for these awards if they plan to pursue a full-time course of studies beyond high school and are enrolled or have been accepted for enrollment at an accredited university, college or technical school. Some of the scholarships require the holding of at least an FCC GENERAL Class license or equivalent. The awards range from \$500 to \$2000 with preference given in some cases to residents of specified geographical areas or the pursuit of certain study programs.

Additional information and an application form can be requested by letter or QSL card, postmarked prior to May 31, 1988 from:

F A R Scholarships
6903 Rhode Island Avenue
College Park, MD 20740

The Foundation for Amateur Radio, incorporated in the District of Columbia, is an exempt organization under Section 501(c)(3) of the Internal Revenue Code of 1954. It is devoted exclusively to promoting the interests of Amateur Radio and those scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.



AFFILIATED

Coming Events

MARYLAND CONSTITUTION BICENTENNIAL PROGRAM

April 23-28

Maryland is celebrating the Constitution Bicentennial during April 23-28. This commemorates the April 28, 1788 date when the Maryland Legislature ratified the U.S. Constitution. Several Maryland clubs will be operating Special Event Stations using W200... calls.

Virginia ratified the Constitution on June 26, 1788 and that state will be running Special Event activities at that time.

ROANOKE DIVISION LEAGUE PLANNING MEETING

May 14-15

The annual Roanoke Division League Planning Meeting will be held in Charlotte, NC on Saturday and Sunday May 14-15. The theme is "ARRL Field Organization & Services." All ARRL Division officials are urged to attend. All ARRL members and radio amateurs in the Division are cordially invited. Reservations should be made before April 29. Registration fee of \$7.00 per person includes barbecue dinner and all incidental expenses. Indicate if you will attend the barbecue and if you are bringing your spouse and/or guest. Send check or money order to Bob Darke - W4MHF, 2209 Wensley Drive, Charlotte, NC 28210 (704) 553-2417.

ROCHESTER HAMFEST

May 20-22

The Atlantic Division ARRL Convention will be held at the Monroe County Fairgrounds near Rochester, NY on Friday, Saturday, and Sunday, May 20-21-22. Tickets \$6 in advance, \$7 at the gate. Combined registration and Saturday banquet, only \$20. Flea market tickets \$16 per table indoors, \$5 per parking space outdoors. For tickets and information contact Rochester Amateur Radio Association, 300 White Spruce Boulevard, Rochester, NY 14623 (716) 424-7184.

MARYLAND FM ASSOCIATION HAMFEST

May 29

The Maryland FM Association proudly presents its annual Memorial Day Hamfest at the Howard County Fairgrounds. See page 16 for full details and directions.

MANASSAS HAMFEST & COMPUTER SHOW

June 5

Prince William County Fairgrounds 1/2 mile south of Manassas on Route 234. See Page 22 for full details.

FREDERICK HAMFEST

June 19

Watch this column for future information.

Maryland Mobileers Amateur Radio Club

Address: P.O. Box 784, Severna Park, MD 21146
Meetings: First Friday of each month at 1930 hours. C.I.D. Building at
Crownsville State Hospital, Route 178 and Crownsville Road
Club Repeater: 146.805 MHz
Traffic & Information Net: Monday evenings at 8:30 p.m. on 146.805 MHz
For Information: Frank Mackowick - WA3NHK (301) 647-7923



On Saturday, May 21st, from 9:30 a.m. EDT (1330Z) to 4:00 p.m. EDT (2000Z), the Maryland Mobileers Amateur Radio Club (MMARC) will once again operate its annual special events station aboard the U.S. Submarine Torsk stationed at Pier 3 in the Baltimore Inner Harbor. The Mobileers have selected Armed Forces Day to honor the Submarine Service. We will be using our 2-meter repeater call, WA3PJQ, and can be contacted on SSB on 3.880 MHz, 7.240 MHz, 14.240 MHz, in the Novice Enhancement portion of 10-meters and on 2-meters (146.805).

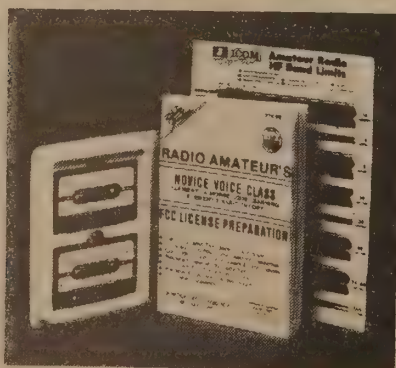
The 1988 Maryland Mobileers Officers are:

President: Glenn Durbin - N3EYU
Vice Pres: Dean Alley - N3CAC
Secretary: Nancy Alley - N3FHB
Treasurer: Ken Stuart - W3VVN
Director: Bill Dillon - WA3SCW

The Maryland Mobileers hold a weekly Emergency and General Traffic Information net each Monday evening at 8:30 p.m. on 146.805/205.

Nancy P. Alley - N3FHB
MMARC Secretary

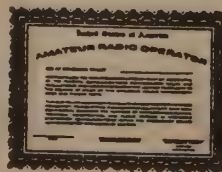
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- Ham radio equipment "Wish Books". • Laminated world map.
- ARRL membership forms. • Free CQ Magazine coupon.
- Hotline for student questions. • Dealer distributor list.
- School pen. • Course completion certificate. • License holder.

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Rock Creek Amateur Radio Assn.



Two Meter Net: FM 144.65/145.25 Mondays 8:00 p.m.
RCARA Alumni Net: 7.23 MHz, Mondays 11:00 a.m.
RCARA LUNCHEON: Wednesdays, 11:15 a.m., Anchor Inn, Wheaton, MD
Meetings: 7:30 p.m. the third Friday of each month
at Vitro Laboratories.
Mailing Address: P.O. Box 1913, Silver Spring, MD 20902

Club officers for the coming year were installed at our April meeting.

Congratulations to the following:

President: Carl Brandt - N3CFA
Sr. V.P.: John Halwey - N3ETD
Jr. V.P.: John Muller - W3QF
Secretary: Mike Kahn - KA3GSV
Treasurer: Ken Williams - KD3BT
Trustee: Walt Hardy - KF3H

Elected to the Executive Committee:

Phil Hoey - N3API
Mike McIntyre - AJ3Q
Bob Henkle - NA3R
Walt Ramsey - AK3B

Elected as Foundation Trustees:

Ed Morrison - W3RY
Herb Ley, Jr. - N3CDR

All of our officers, except two, were returned to office. This speaks well of their leadership and performance of duty. We wish them well in their term of office.

Jim McDonough - W3CY and Boyd Nelson - KZ3Z declined to run for office again this year because of heavy personal commitments. Jim and Boyd, thanks for your services. We appreciate your help and service to the club. I still plan to consult with you two on major club projects.

The season for community service has begun. On Saturday, 7 May, club members have been requested to provide communications support to the Youth Policy Institute (YPI) seventh annual 50 mile challenge walk along the C&O canal. The walk is held to raise funds for scholarships to minority students attending the Institute. Larry Golden-KA3BAL will be Point Contact and Director of this event for our club.

The Rock Creek Club is authorized to operate station W200RCN during the week of April 23-29. During this week 200 years ago, Maryland ratified the U.S. Constitution. In celebration of the Bicentennial of that event we plan to operate on 160M, 80M, 40M, 20M, 15M and 10M both CW and phone. Our goal is to maximize Amateur Radio exposure to the public, to contact Amateurs in the "We the People" WAS program, send a radiogram to the Bicentennial Commission, and be a part of Amateur Radio's commemoration of the U.S. Constitution's Bicentennial. I understand that there are five or six other clubs in Maryland who will take part in this program. I wish them every success. President Brand - N3CFA is Point of Contact and Director of this event. If you wish to take a part in this program, contact him.



Carl Brandt - N3CFA
Re-elected as RCARA President

Photo by Eric - KK3C

Walt - AK3B

Metrovision Amateur TV Club

FAST SCAN - COLOR - ATV

Meetings: Quarterly: Call for next meeting time and place.
 Repeater: WA9GVK/4 (Video and Audio) 439.25 MHz in; 426.25 MHz out
 Also accessible on 144.970, simplex, audio.
 On-the-air: Sundays at 8:00 p.m.
 Mailing: Metrovision, Inc., P.O. Box 8231, Falls Church, VA 22041
 Information: Warren - N4MWU (703) 573-9619
 Dick - WB3EPX (301) 439-8135

The March meeting was held at the QTH of Dick - WB3EPX, with eleven people in attendance. It was decided that Dick-WB3EPX would start writing the monthly article for Auto-Call, beginning with the May, 1988 issue. Gerald - KB4QGJ will be collecting data from various club members in order to construct a periodic hard-copy newsletter.

Bruce - WA9GVK and Ed - W3EKT will be making some modifications and improvements at the ATV repeater site. We also discussed the possibility of having a three-band (1.2 GHz, 900 MHz, 439

MHz) remote site to be located in Accokeek, Md.

We wish speedy recoveries to Gerald-KB4QGJ and Tommy - KA3MKC from their illnesses.

We regret the passing of Dudley-N4KEU. We will miss our most recent addition to ATV.

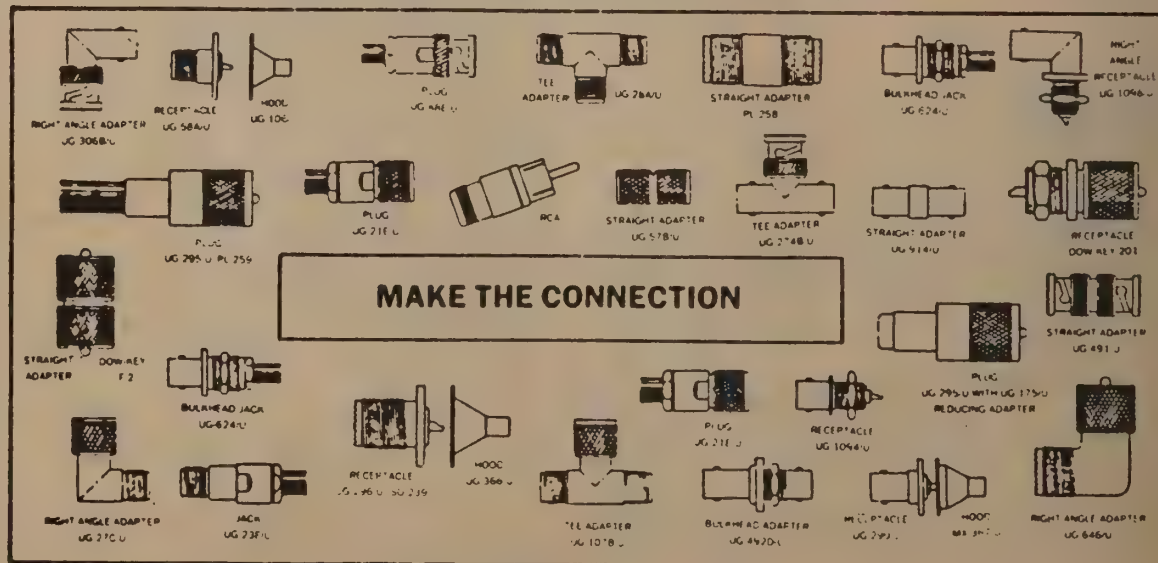
Congratulations to Ruth and Dave Phillips on the birth of their first grandchild.

See you on TV.

Dick - WB3EPX

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Department of State Amateur Radio Club

Meetings: First working Monday of each month at 1200 Noon.
Main State Department Building, Room 3524, Washington, D.C.
The Foreign Service Net: Every Sunday 1500-1530Z on 14.316
1530-1600Z on 21.416 and 1600-1630 on 28.616
Repeater: W3DOS/R 145.19, open access. Round Table, Thursday nights at 8:30 p.m.

WILLIAM J. PORTER

Retired Ambassador William J. Porter Sr., KIYPE died of cancer March 15, 1988 in Fall River, Mass. A career foreign service officer for over 40 years and a licensed Amateur for over 30 years, he served in several countries at times when relations with the U.S. were most sensitive.

He was a Political Officer in Jerusalem from 1946 to 1948 during which time Palestine was partitioned and the State of Israel created. After assignments to Cyprus and as Political adviser to the Chief of the VOA he was made Deputy Chief of Mission in Rabat, Morocco where he operated as CN8EP. In Washington from 1957 to 1960, as Director of the Office of North African Affairs, he operated as W3AAC. Subsequently, he was assigned to Algiers as First U.S. Ambassador to Algeria when the Nation received independence from France in 1962 and he operated under the successive calls FA2VX, AL2VX and 7X2VX.

Leaving Algeria in 1965, he was assigned as Deputy Ambassador to Vietnam, with the personal rank of Ambassador, and held the license XV5AA. Subsequent to Vietnam he served as Ambassador to South Korea (HL9AA) 1967 - 1971, Chief of the U.S. Delegation to the Paris Peace Talks (F0ADL) 1971 - 1972, and Under Secretary of State for Political Affairs 1972 - 1973. Prior to his retirement in 1977 he served as Ambassador to Canada (W3AAC/VE3) 1974 to 1975, and Ambassador to Saudi Arabia (7Z1AB). Following his retirement he returned to his home in Fall River, Mass.

He was 73 years old and a Life Member of ARRL. He is survived by his Wife, Elinor Henry Porter of West Port, a son, William J. Porter Jr., KA4NAU of Fairfax, Virginia; a daughter, Elinor Clark of East Bridgewater, Mass. and six grandchildren.

Submitted by: Bryan Cordray, WA5SPI

THE U.S. DEPARTMENT OF STATE AMATEUR RADIO CLUB, W3DOS

Will have its annual Foreign Service Day Banquet
at the Arlington Hall Station Officers' Club
Thursday evening, May 5th
Social hour will begin at 1800, dining at 1915

The evening's speaker will be
Don Kraft, KB4ZAA
from the Office of the Assistant Secretary of Defense for C³I
His topic will be
The National Communications System and the "SHARES" Program

Requests for reservation forms may be made to:
John Swafford, W4HU (703) 536-9537 (Days)
Janie Renz, KG3R (703) 525-1488 (Evenings)

Anne Arundel Radio Club



- Meetings:** 1st and 3rd Thursdays at 8:00 p.m.
Davidsonville Family Recreation Center, Queen Anne Bridge & Wayson Roads off MD Rt. 214 near Annapolis.
- On-the-air:** Thursdays, 2030 Local time when there is no club meeting, on 147.705/105.
Tuesdays at 2030 (2100 DST) on 28.710
The Chesapeake Bay Weather & Traffic Net on 147.705/105 at 1100 and 1500 every weekend day and public holiday from April 1 to November 15.
Maryland Slow Net (MSN) every evening at 1930 on 3.7170 MHz
W3VPR Packet BBS on 145.09 MHz.
- Address:** P.O. Box 308, Davidsonville, MD 21035
- Information:** Margaret (Holly) Bevan (301) 923-0229

The Anne Arundel Radio Club repeater tower seems to have a special affinity for lightning. Although it was not a direct strike as before, on March 26th the lightning zapped the phone in the shack, fried the twin-lead from the dipole (leaving only the plastic), and damaged some of the repeater components. Fortunately, there were spare parts on hand to repair the machine.

The weather net started on April 1st as scheduled (Good Friday holiday for many). Two or three shoreside observers checked in. It really wasn't a day for boating. Glenn Zimmerman - KA3ESE is the coordinator again this year. He is hoping for numerous check-ins every weekend day and/or public holiday at 1100 and 1500. The National Weather Service monitors the net and uses the data picked up on cloud cover, precipitation, wave height, wind direction and velocity, etc. in their marine forecasts.

Jim - W3AAE coordinated the crew of club members who were willing and able to spend part of Easter weekend performing public service chores at the Marlborough Hunt races, which are held at the Roedown Estate in Davidsonville on the first Sunday of April each year. The group who helped Jim on Saturday to transport the PA system to the area, to string wires and to set speakers included:

Frank - WB1FXX, Paul - KB3HH,
Ed - KA3ACM, Maurice - WB3LAK,
Dick - N3FVK and Buck - KC3Y.

On Sunday, Jim's helpers were:
Keith - AE3D, Abe - N3CZX,
Buck - KC3Y, Jim - KA3BKO,
Holly - N3BMB, Frank - WB1FXX,
Paul - KB3HH and Rick - WB2TNL.

The following AARC members have upgraded to General: Bob Long - N3FUW, Bob Fox - KA3MSM, Tom Wolfe - KB4TKB, and Pete Hopping - KA3RFE.

Remember this month's meetings on 5 and 19 May.

Holly - N3BMB

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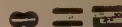


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Vienna Wireless Society

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1963-1988



THE HOME OF WINTERFEST™

Meetings: 2nd and 4th Fridays of each month, 7:30 p.m.
Vienna Community Center, 120 Cherry Street, Vienna, VA

Repeater: K4HTA/R

Nets: Every Thursday at 7:30 p.m. on 146.085 in and 146.685 out.
Alternate simplex frequency is 147.51
10 Meter, 28.400 MHz 9:00 p.m. every night of the week except meeting nights.

Information: Bill Mills, KC5PF/4 (703) 937-4090 (Home), (703) 359-0141 (Work)

Training Classes: Dave Guffy, NY4V (703) 385-6608

Mailing Address: P.O. Box 418, Vienna, VA 22180

25th ANNIVERSARY DINNER DANCE

Ninety-seven members and guests attended the VWS 25th Anniversary Dinner/Dance at the Westwood Country Club in Vienna, Virginia, on the evening of 25 March. The evening's program consisted of flash-backs in history via a slide show presentation of the many activities the club has participated in over the years, i.e. remember the year ARRL Field Day was held in the open

fields at Tyson's Corner. The show was narrated by program chairman Ray Johnson - K5RJ. The highlight of the evening was the presentation of a City of Vienna Proclamation to the Vienna Wireless Society in appreciation of 25 years of public service to the community. The presentation was made by Vienna City Mayor, Charles Robinson-W4WTX.

FUTURE PROGRAMS

The 13 May VWS meeting program will be a "Bring and Brag" event. Club members will bring a special project or operating idea on Amateur Radio equipment and share that creative project with the VWS membership.

For "Fox Hunt" (hidden transmitter) enthusiasts, the 27 May program will consist of fox hunt techniques as well as game rules on the VWS hunt scheduled for 29 May. Starting time is 1:00 p.m. at the Vienna Community Center.

Bill - KC5PF/4

MERCHANT SEAMEN

Merchant Seamen have won their long battle to obtain Veterans status for their veterans of World War II. The Gallups Island Radio Association has been active in petitioning for this recognition. (See February Auto-Call, page 34). It is now involved in a program to repair and maintain a monument which was erected on Gallups Island in 1944 to honor the Merchant Seamen who died at sea as a result of enemy action during World War II. The monument was moved to a park on the outskirts of downtown Boston in 1946 when the Gallups Island station was deactivated and it has suffered some deterioration and vandal damage over the years. Funds are being sought to repair the monument and move it to a location more appropriate to a Maritime Memorial. Contributions are tax deductible.

Metropolitan Communications Network Radio Club

Meetings: Quarterly, on the second Sunday of the month.
W.A.T.A.'s Community Meeting Room, 4729 14th Street N.W.
(at Decatur Street), Washington, DC - unless otherwise announced.

Repeater: WB3DBU/R, 52.250 MHz in; 53.250 MHz out. Accessible on 144.950
MHz in the simplex mode.

On-the-air: Saturdays at 1900 hours.

Mailing: c/o Bob Sporn - WA3GGO, 9927 Cottrell Tr, Silver Spring, MD 20903-

Information: Bob Sporn - WA3GGO (301) 434-1719

The second quarterly meeting of the Metropolitan Communications Network will be held Sunday June 12th at 1400 hours at the QTH of our president, Frank Hipsley - WA3ZAR.

The Audit Committee found all Club records properly handled in accordance with good bookkeeping practice.

THE SUNDAY MORNING COFFEE NET (6 METER AM) ON 50.4 MHZ AT 0900.

Check-ins are consistently holding to a dozen or so, except for Easter Sunday when, because of church attendance and the advance of the clock to Daylight Saving Time, there was a temporary dip in attendance.

The club welcomes our latest new member, John B. Creel, Jr. - WB3GXW. John has arranged to provide the club with an additional repeater site.

MARYLAND FREE STATE SIX METER SIDEBAND NET: SUNDAYS AT 1900

HOURS ON 50.125 MHZ. Check-ins have been more or less constant. The club bought a pre-amp. It was unanimously voted to empower the Technical Committee to spent up to \$300 for repeater equipment for the 3-month period between club meetings.

President Hipsley, on behalf of the club, thanked our gracious host, Marvin T. Storey - N3FBO, for his hospitality in hosting the March meeting.

Bob - WA3GGO

AMATEUR RADIO CLUB AT LEISURE WORLD

The Washington Area appears to be one jump ahead on a program to recruit senior citizens into the Amateur ranks. At Leisure World in Silver Spring, Maryland, Wm. "Whit" Whitmore - W3AZF started his own program over a year ago. Starting with 4 "Regular Members" who are licensed Amateurs, the club is now up to 14 licensed members and 17 "Associate Members" who are not yet hams. The club officers have been meeting with the officers of Leisure World and plans are well under way for installation of antennas and a club station; in the mean time, space is being provided for club meetings in the Administration Building. Regular Members have a 2-meter net that meets every Monday on simplex and Associate Members are forming a CB net.

The "Leisure World News" recently devoted a half page to the activities of the club, emphasizing its public service and emergency communications aspects. The publicity should attract other residents to the club. They certainly will become a part of the new ARRL program which is aimed at recruiting retirees as new hams. A pilot program is now underway in the Tampa/St. Petersburg, Florida area and is expected to go nationwide in the next few months. The club has subscribed to Auto-Call and they are looking forward to becoming members of the Foundation.

Maryland Emergency Phone Net

Meetings: EVERY NIGHT, 3920 kHz, 1800 Local
Net Manager: N3EGF; Secretary: KA3CSM; Treasurer: W3FA
Directors: K2EB, K3ONU, KC3FK, W3LDD (Alt.)

The MARYLAND EMERGENCY PHONE NET (MEPN) is a radio telephone net designed to provide efficient and coordinated radio communications for Maryland and the District of Columbia and to maintain traffic handling proficiency in case of emergency. MEPN is a member of the National Traffic System (NTS) and meets nightly at 1800 hours local time on 3920 KHz. Once the traffic has been moved, we then launch into a round of comments concerning a variety of topics from those stations remaining on frequency. Come join us and meet some of your fellow Radio Amateurs from the Maryland and DC area!

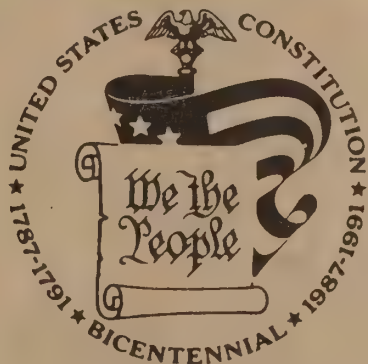
Once again the Timonium Hamfest was a smashing success and was accompanied by the usual rainfall. I had the chance to meet some more MEPN members and hope that you did, too. It was especially good to see John - K3NNI in attendance and continuing his recovery from his heart attack. Bruce - N3EGF started the transfer of Net Manager responsibilities to Bob - K2EB who was the only nominee for

that position. Ballots are currently being cast to elect a new Director and the results will be published at a later date.

With the arrival of spring, and the recent time change, some of the longer skip interference should subside and make things easier for the net controls. However, spring also means the onset of thunderstorms and a different kind of interference. Just can't seem to win! The nicer weather also means everyone is getting outdoors and planning vacations. Why not volunteer to be a net control or liaison station to fill the gaps while others are vacationing? A "deep bench" means a strong and efficient net and continuance of the good reputation the MEPN enjoys.

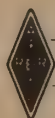
Good luck to all with the spring cleaning and the never ending house projects - but be sure to take a break now and again to check into the net. See you on the MEPN!

Bob - K2EB



Maryland

The
Old Line
State



Amateur Radio Celebrates
The Bicentennial of the United States
Constitution

Woodbridge Wireless, Inc.

Meetings: 3rd Tuesday of each month, at 7:30 p.m.
Springwood Community Center, Corner of Springwood Drive and
Chaucher Court, just West of Woodbridge Airport.

Repeater: WB4FQR/R 147.84/24 and 449.9/444.9]

Nets: Mondays, 8:00 p.m. local (0100 UTC) 147.84/24
Wednesdays, Slow CW at 8:00 p.m., 21.164 MHz
Saturdays at 10:00 p.m. - in new 10 Meter Novice band
28.7640 MHz SSB

Mailing Address: P.O. Box 112, Woodbridge, VA 22194

It's Spring and every young (?) ham's fancy turns to thoughts of antenna repair, tower raisings, rabbit hunts, the Dayton Hamvention, buying a new rig with the tax return (well, maybe buying some coax...or selling a rig to pay the taxes!). At the Woodbridge Wireless, Inc., it means getting ready for the spring exam session, the start of the general/advanced classes and getting ready for Field Day.

The Spring exam session follows the Winter Novice class. This year it is scheduled for Saturday, May 14 at 0900. The location is the same as last year, Our Lady of Angels school across U.S. 1 from the MarumSCO Shopping Center in Woodbridge. Bring a completed 610, your checkbook and all that ham radio knowledge and capability you've been working on. The tests are normally given on a walk-in basis. Contact Tim, AF2T or Don, WQ4W for more information.

General/Advanced theory classes start Thursday, May 12, at Our Lady of Angels school. Again, contact Tim Farrell, AF2T for information. His phone is (703) 590-5226.

The Field Day site appears to be a problem this year. The ideal site, the old Woodbridge Airport may not be available. We may wind up in Sherm's (WB4RDV) back yard this year.

Speaking of Field Day, Sherm conducts an informal net each Thursday night at 8:00 p.m. to coordinate Field Day matters. Prospective participants should listen in. You'll find it worth while.

The WWI operation takes plenty of coordinating.

Joe, W4ADM, reports a serious lack of participation on the part of hams in the weekly crew races on the Occoquan. Don't assume someone will be there...many times they are not! It is a worthwhile exercise and should be supported by hams from all over, not just Woodbridge. Besides, it makes for a pleasant outing. 'Guess we'll have to make hams out of crew parents.

The WWI repeater is crowded nowadays with packeteer talk. Packet radio is really catching on like wildfire. Dick, W4GFB, OP, KF4TE and your reporter have been experimenting with HF packet. While not as reliable as VHF or UHF, HF has its moments. On special occasions, the HF gateways are opened for amateurs authorized HF privileges. With Packet, you could get to use someone else's tower and super rig to talk across the nation. Neat!

73 de WJ4M

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MADRAS

Maryland Apple Dumpling Radio Amateur Society

Meetings: 2nd and 4th Wednesdays of the month - 7:30 p.m.
At the WKYS conference room, 4001 Nebraska Avenue, N.W.
Repeater: 144.85/145.45 MHz

MADRAS IN ACTION

Goodbye TS-520 and hello TS-930 is the newest Duck Call. No longer N3FPD, ne's NM3U. Not only has he changed his rig and his call but he's moved, also. Who moved him? Well MADRAS, of course, including Alan - N3EHD, Charles - WB3GYE, Paul - W3PH, Diane - K3WFZ, Scott - W3YTW and Renee - KC3NG. We gathered him up and moved him out with his Delta Loop intact! The next day, the day of the Super Bowl, we got his antenna back up at his new QTH and he is now working JAs on 20 meters. Way to go, Warren! Last edition we reported that Warren's country count was up to 60. It now up to 150 and climbing!

Whoops, during his DX-pedition to St. Croix, NM3U developed a problem with the new 930. Since rigs are now disposable, Warren is the owner of a new 940.

Whoops, the NM3U 930 breaks again but then comes back to life. It is now no longer ever turned off.

Scott - W3YTW has finally gotten his Butternut up and on the air. You can hear him tapping away on 40m CW. He's delighted that the calibration on his NC-300 is still right on the money after 30 years of existence.

Representing the "rig of the month club," Bob - N3FTU has traded in his new and wonderful TS-140 on a TS-680. They're close to the same rig except the TS-680 covers 6 meters also. Hope you enjoy the new rig, Bob.

We'll never get him on beeps, but Alan-N3EHD has finally obtained a terminal for the new packet station, so that he may

participate in the DX cluster. We hear him speak of honks in the night. Alan reports that VA1TZILLA is slowly swimming into existence. His power supply is almost finished and his RF deck, featuring a pair of 4-400s is progressing also.

Alan - N3EHD, Warren - NM3U, and Charles - WB3GYE spent time up on Catochtin mountain helping Tony - KN3T and Eric - K3NA move into their beautiful new QTH.

Charles - WB3GYE reports that he's been chasing countries and enjoying it. Way to go, Charles.

Paul - W3PH has moved out of the planning stages and has actually effected some repairs on his Delta Loop and other wire antennas. He has also gotten a Butternut from NM3U for the Deep Creek QTH this summer.

Tony - N4SAS has surrendered his borrowed HW-100 in favor of a TS-930. He is tickled pink. Right after he got it, however, he experienced a power supply component failure. He fixed the problem only to find more problems requiring that he remove the dreaded signal board. The surgery wa a success and Tony is sporting a new "I Broke a 930 and Lived to Tell About it" badge. Congratulations, Tony. You'll enjoy it.

More 930 surgery in the news for Tony, as he watched his lights brighten, telling him that his power supply had failed. Again Tony has risen to the occasion and effected a second repair. Way to go, Tony.

(Continued)

MADRAS - Continued

This has been antenna month for Ron-W3GIS. First he experimented with a ladder line fed 80 meter inverted-V. He wasn't impressed and has returned to a coax fed antenna. Then after K3OF's inspirational talk on DFing, Ron built a ZL and matching attenuator. He is thrilled and can be found driving around Rockville looking for repeater jammers. (Just kidding, Ron).

Warren - NM3U and Charles - WB3GYE have unveiled their secret project at long last -- 50 ohm step attenuators for transmitter hunts! Hmmmmm, will we see a rash of new MADRAS hunts? You better believe it!

Tony - N4SAS has now acquired his new A3 Tri-bander and has made final adjustments. He is delighted with the improvement. DXCC 1988?

N2MEHD IN WASHINGTON

In spite of a major ionospheric storm, MADRAS made a second proud showing in

the Bicentennial Celebration of the Constitution.

Through the kindness and hospitality of John and Barbara Hornbeck, we were able to make almost 1800 QSOs in spite of a major atmospheric upheaval. MADRAS was the only club to represent Washington DC and we were fortunate in that it was a wildcard making us extra attractive.

Operators were:

Kevin - KA2EYP, Ron - W3GIS,
Charles - WB3GYE, Rick - WA1SPT,
Warren - NM3U, Alan - N3EHD,
Jon - KA3OVK, Bob - N3FTU and
Renee - KC3NG. All bands between
80 and 10 were operated.

We have been most fortunate to be able to participate in this, our second N2MEHD undertaking. Thanks to Alan-N3EHD for organizing and planning of the operation. Is this our last? We don't know.

Anthony L. Davis - N4SAS

HOW TO RECOGNIZE A REAL HAM

From Carascope via ARNS Bulletin

1. A real ham is incapable of throwing away a length of coax cable or any piece of quipment, whether he will ever use it again or not.
2. A real ham will take his absolutely mint condition HT to a hamfest and try to sell it for \$248 "firm." He will then sell this same transmitter for \$18.75 to the 12 year-old neighbor who just got his Novice ticket, because that is all the kid can afford. He will also throw in an expensive coax relay at no charge.
3. A real ham is slowly collecting parts for at least four different projects, one of which has already appeared in the "25 Years Ago" column of QST.
4. A real ham can pick out a "BY" prefix that is S-1 from underneath six stateside signals running S-9 +20 db.
5. A real ham knows that antennas erected on calm days and during daylight hours will never perform as well as those erected in the dark and in a blizzard.
6. A real ham wishes that his tower was at least 10 feet taller, no matter what its current height.
7. A real ham spends his week-ends operating contests and/or public service events, much to the dismay of his family.
8. Given the choice between Heard Island and Waikiki Beach for a vacation, the real ham will chose Heard Island (and not understand why the YF objects.)

Laurel Amateur Radio Club

A Volunteer Examiner Coordinator



Address: P.O. Box 1436, Laurel, MD 20707-0951
VEC Address: P.O. Box 3039, Laurel, MD 20708-0039
Meetings: Second Wednesday, 2000 local, Informal meeting.
Fourth Wednesday, 2000 local, Business Meeting, Capitol College.
Other Wednesdays, 2030 local - 147.54 MHz
Information: Frank - K3LDE (301) 498 2213 or Emmett - N3BOR (301) 674-4080

At our first special activity of the new year, Laurel Amateur Radio Club provided communications support for the Washington's Birthday Marathon in Beltsville. On February 14, a dozen or so LARCs braved the weather to cheer on and support these runners. This marathon is a qualifying event for the Boston Marathon. Allan - N3DUE and Norm - K3QDC alternated as net control. Present were Joe - NA3T, Cathy - KA3QPU, Howard - K3IOG, Pud - W3DQI, Jim - KD3S, Don - WA4AVU, Tim - KD7JZ, Mary Ellen - N3FQA, Gil - KA3SKO, Penny - KA3SKJ and Bob - N3CKD.

Our VE test sessions at Maryland Radio Center (MRC) have been an outstanding success. At the last test session, on March 19th, 47 people showed up for exams. Kind of crowded in a place designed for only 20! Of that number, about 67 percent passed an element, and over half upgraded. Test sessions are normally held on the 4th Saturday of every month - unless otherwise notified. Pre-registration is necessary. Sign up sheets are available at MRC. Walk-ins will be accepted, depending on the number of sign-up and no-shows.

Did you make it to the BARC Hamfest? Aside from the lack of tailgaters, due to the rain (at least on Saturday, it was great! As usual I managed to spend a little money (Trying to keep the economy going) as a friend of mine always says) and picked up a few connectors, lots of june mail (read as "brochures") and a new Print Shop (R) library disk.

As in past years, LARC gave VE exams. Approximately 65 exams were given. On

a sad note, LARC will not be giving VE exams at any more Hamfests. With our heavy public service schedule, our monthly schedule at Maryland Radio Center, and managing all of our VEs, we are forced, at least for the next year, to curtail our Hamfest exam schedule.

Congratulations to the following LARC members on their upgrade:

KA3SKIT/KT - Phil, Jr. (Son of W3ELS)
KA3SKO/AG - Gil

Both were members of our Fall '87 Novice class. With their accomplishments, over 50% of the class has upgraded.

On April 23rd, LARC participated in the Mothers Against Drunk Driving (MADD) bicycle race; providing communications for the race officials. With George - N3FNF calling the shots, LARC members were posted at various points around the race course. As this is written in early April, I'll let you know what happened next month.

One of LARC's major events of the year is coming up: The Laurel Main Street Festival. On May 7th, LARC will provide, for the second year, communications for the festival committee. Under the able leadership of Pud - W3DQI, the event should go off flawlessly. More on what happened in next month's column.

Our General/Tech class is almost over. Ten or twelve folks stuck with it and will be ready to take their exams.

LARC Special Event Station this year will be from an Island in the Chesapeake, sometime in the August time-frame. More when info becomes available.

Emmett - N3BOR

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Estate sales for Widow's Assistance handled by a FAR club will be published without cost.

Full name and address must be provided with each ad but need not be published. No ads will be accepted over the telephone and all ads must be pre-paid. Since no effort is made to investigate advertisers, no warranty can be implied.

Copy must be received by the 8th of the month preceding publication.

WANTED: GENERAL RADIO unit oscillator model 1218A or 1218B, 900 to 2,000 MHz, GR 1000-P6 diode modulator, GR 1000-P7 balanced modulator, type 874 pads, air line and insertion units. Charles Preston - K4LJH, 48 N. Ivandale St., Hamilton, VA 22068; phone evenings 6:00 - 9:00 p.m. (703) 338-4152 (07)

INFO-TECH M600A multi-mode code receiver. Provides video and hard copy of morse, baudot, ASCII and TOR when attached to receiver and/or printer. New \$699. Selling for \$450. Top condition. George - N4IXV (703) 368-2732 Manassas, VA (05)

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GALLUPS ISLANDERS!!

Get information: Reunion San Francisco late May aboard restored Liberty Ship, SS "Jeremiah O'Brien." 350 member association publishes a quarterly newsletter about WW-II Merchant Marine Radio Officers. Non-profit. Contact: Ralph Albers, W4ER, Secretary; GALLUPS ISLAND RADIO ASSOCIATION, Inc.; 5597 Seminary Road, Falls Church, VA 22041. (04)

FOR SALE: Hallicrafters HT-9 xmtr., VYGDCON, w/ manual and coils - \$200. KENWOOD: TS-530SP transceiver - \$649. TR-7730 2 meter FM - \$225. K3UKW, Tony Musero (215) 271-8898. (05)

FOR SALE: Rohn 45' fold-over tower. Good condition, Mast 15', base plate, winch, cable, etc. Two 10' sections can be added for increased height to 65' - \$475. Lee, W2KFC, Vienna, VA (703) 281-2787. (06)

WANTED: Lightning bug and Mac key. Bill - WB4EDB, Fredericksburg, VA (703) 373-0996 (06)

FREE: QST Magazines 1982-1986 inclusive. 1984 Call Book. FREE Call Morton (301) 593-1377, Silver Spring.

FOR SALE: KENWOOD TS 830S transceiver with two (2) cw filters, weighted dial, matching speaker. Absolutely mint condition. Used less than three hours. Will include MC 50 mike. W3ADS (301) 933-0274 Silver Spring. (05)

WANTED: Good photos of typical Ham stations for use in publications promoting Amateur Radio. B&W or color with good contract. Will return pictures if requested. Send to Auto-Call, P.O. Box 7612, Falls Church, VA 22046-1452.

K3UAL PRINT - QSL CARDS 1520 Jutewood Ave., Hyattsville, MD 20785. 50¢ for samples. Joe (301) 773-9383. (C05)

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Prince William County, Office of Telecommunications, Radio Shop, Manassas, VA. Position primarily involves the installation and removal of mobile radio equipment and the troubleshooting and repair of related electronic equipment. Requires high school graduate or equivalent, supplemented with technical vocational training in electronics technology and 1-2 years of relevant technical experience in the installation and maintenance of land mobile FM two-way radio equipment. Must pass DMV record check. Starting annual salary: \$18,189 - \$19,862 with excellent fringe benefits. Call (703) 335-6640 or (Metro) 631-1703 Ext 6640 for a county application. All applicants must submit an official Prince William County application form. Apply by May 6 to: Prince William County Office of Personnel 4343 Ridgewood Center Drive Woodbridge, Virginia 22192 Prince William County is an equal opportunity employer. (C05)

FOR SALE: MOSLEY TA-33-40K Tribander with 40 meter dipole, Ham-M rotator, 50 foot windmill tower. You remove. George - K3SZZ Call (301) 421-1752 Baltimore, MD (05)

FOR SALE: HAL RTTY Terminal CT-2200 & KB-2100 Monitor; Heathkit RTTY Tuner, Crossfire; TI-99/4A Computer complete with 2 keyboards, expansion box, RS-232 card, disk drive, disk control card, expansion card (32K), cables, documentation and a good supply of software. All in excellent condition. Come and look it over. Will sell for best offer. Paul Wells - W4LQF, 2926 2nd Street South, Arlington, VA 22204. Phone (703) 979-1097 (5)

WILL GIVE TO ANYONE WILLING TO CARRY AWAY 2-element, 3-band Cubex Quad framework. Includes booms, coupler, arm spreaders and fibre glass arms. All that is needed is wires to thread through arms. W3ACE (202) 244-7737

FOR SALE: Heathkit HX-20 SSB/CW transmitter with power supply. Lafayette HA-225 SW receiver. Commodore 64 with 1541 disk drive, cassette drive, 300 baud modem, 9" b/w TV. Also assorted software and accessories. Heathkit electronics courses: A.C. Electronics, D.C. Electronics & Semiconductor Devices. Mini Products 6/10/15/20 meter vertical antenna. Commercial tube tester. Call Phil -KK4WA at (703) 791-4765 evenings and weekends, (703) 749-7415 weekdays. (05)

FOR SALE: 500 Watt 2-meter power amplifier - \$300. Thick wall Dura Aluminum mast sections up to 60 ft. \$1.50/foot. Antique "BUG," Chrome model - \$60. Heath laboratory LCR bridge - \$60. HQ-129X gen. coverage receiver - \$65. HQ-140 gen. coverage receiver - \$55. Collins 51J4 general coverage receiver - \$400. Hewlett Packard audio generator 200B - \$25. Northern Radio telegraph equipment - best offer. FREE: Model 28 and 33 Teletype machines. Call after 7:00 p.m. Howard - W3HM (703) 644-7307 Springfield, VA (05)

FOR SALE: YAESU FT-101EE with mic, FSK Mod, Extra Driver and RF pre-amp. Mint condition - \$450. Dale Williams - K3PUR (703) 437-4818 Reston, VA (5)

The HANDI-HAM System is an international organization of able-bodied and disabled hams who help people with physical disabilities expand their world through Amateur Radio. The System matches students with one-to-one helpers, provides instruction material and support, and loans radio equipment.



Call or write the Courage HANDI-HAM System W6ZSW at Courage Center, 3915 Golden Valley Road, Golden Valley, Minnesota 55422, phone (612) 588-0811.

ESTATE SALE: KENWOOD TS-830S with matching microphone, spare tubes, two manuals and operating logs; approximately 40 feet each of RG/8 and RG/11 coax; Trionyx TR-1000 frequency counter; Heath HM-2102 power meter. Asking \$600 for the lot; reasonable offers considered. Jim Montanye, Falls Church, VA (703) 560-0348 (C05)

FOR SALE: Motorola commercial 10 meter base station:

Motorola Mod-C-71GJB-PH52, Type CC1006, Ser. D-30595. Will make an ideal FM base station for your shack or FM repeater for the club. Rig has two 6146-B for 100 watts out and two 3B28 rectifiers in power supply. All new tubes in Xmtr and Rcvr. Presently Xtalled for 27.45 MHz. Complete with mic. & all cables in locking cabinet. Rig has PL installed. Call Milt-W4AWL (703) 281-5721, Vienna. (06)

FOR SALE: YAESU FTDX-560 HIGH-POWER TRANSCEIVER. 400 watts input SSB/CW. Remote VFO, 8-pole Fox-Tango 500 Hz. CW crystal filter. Carefully modified to add 4-pole audio filter, front-end attenuator. Many spare tubes. Recently checked by EEB-\$300 or best offer. Pete Smith, N4ZR, (703) 620-3776 Reston VA. (05)

FOR SALE: ICOM PS-55 power supply-\$150. ICOM IC-mb5 - \$20. ICOM AT-150 auto tuner - \$315. All items new 12/87. ICOML IC-761, SP-20, EX 310, FL-102 and SM-8 mic., new 9/87-\$1975 or will accept reasonably priced TS-830s as partial trade. Phil - K1DFC, 4 Westwood Drive, Belchertown, MA 01007-9525. (413) 323-4088 evenings/weekends. (05)

FOR SALE: (1) HY-GAIN V-2S Antenna, new - in box - \$45; (2) Radio Shack power supply, 13.8 VDC, regulated, 2.5A continuous, 5.0A surge - \$25. Jack, W3CBQ (301) 460-5693, Rockville, Maryland (05)

CONTINUED

See more Shack Sales on Page 46

FOR SALE: KENWOOD 820S, remote VFO, 820; Kenwood mike; Kenwood speaker 820 with three audio filters - \$450. On air, will schedule for demonstration. Ed Krieg - W3CAY, 9309 Ramsey Drive, Ellicott City, Maryland 21043 (301) 465-1202. (05)

For Sale: DRAKE Antenna Tuner Model MN2000, 2KW - \$250. In perfect condition. Call: Office (301) 484-5400 Home: (301) 764-1447 Baltimore. (05)

FOR SALE: ALPHA 86 Linear. Never on the air - \$2800. SIGNAL/ONE CX7A-\$1000 including many spare parts. Bob Sullivan - WØYVA/4. PO Box 579, Great Falls, Virginia 22066. (703) 450-6320, evenings and (703) 478-3100 days. (04)

AMATEUR RADIO NEWS SERVICE is an organization of editors and publishers of amateur radio newsletters and members engaged in public relations. Its purpose is to assist editors in any way possible. For information write to Lee Knirko, W9MOL, 833 Park Plaine, Park Ridge, IL 60068 (S)

ANTIQUe RADIO BUFFS!

Become a part of one of the country's fastest-growing vintage radio clubs. The Mid-Atlantic Antique Radio Club is an active group of radio collectors, restorers and historians. For application and sample newsletter, write Joe Koester, 249 Spring Gap South, Laurel, Md 20707. (301) 725-4229. (S)

FOR SALE: SB-220 Linear with spare parts - \$450. Microlog AKB/1 CW only keyboard - \$100. SB-34 factory service manual - \$20. KLM Yagi 6-el 432 MHz - \$15. Parts, manuals, etc. Larry - W3MSN (301) 894-3977 Oxon Hill, MD (05)

QST AND 73 AVAILABLE. Twelve years through 1986. Make me an offer. Call Frank - W4OEZ (703) 751-3919 Alexandria, VA (04)

FOR SALE: YAESU FRG-7 SW receiver. Excellent. With fine tune and C64 frequency readout (See January '88 73 magazine) - \$150. Heath SB-301 Ham receiver, Fair - \$50.

WANT: COLLINS 51S1 or DRAKE R4B with SW xtals. Must be reasonable. Alan-N4LUS, Bethesda (301) 229-7069 (04)

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MAY 1988

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	2 Dept of State	3 Antietam PG Wireless	4 BARC MARC	5 Anne Arundel	6 Mobileers Shenandoah	7 <u>VEC</u> U of Maryland Shenandoah
8 MOTHER'S DAY	9 PVRC	10 APL Frederick	11 Laurel MADRAS Pentagon --FAR--	12 NOVARC Mt Vernon	13 Alexandria SMARC Vienna	14 <u>VEC</u> Frederick Portsmouth Woodbridge
15	16 Ole VA Hams Sterling Pk	17 Antietam Arlington Woodbridge	18 BARC MARC Goddard	19 Anne Arundel	20 RCARA Shenandoah	21 Tri County CAP City <u>VEC</u> Richmond
22	23	24 <u>VEC</u> Catonsville	25 Laurel MADRAS	26	27 Alexandria Vienna	28 <u>VEC</u> Laurel
29 Adventists <u>VEC</u> Howard County	30 MEMORIAL DAY	31				

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